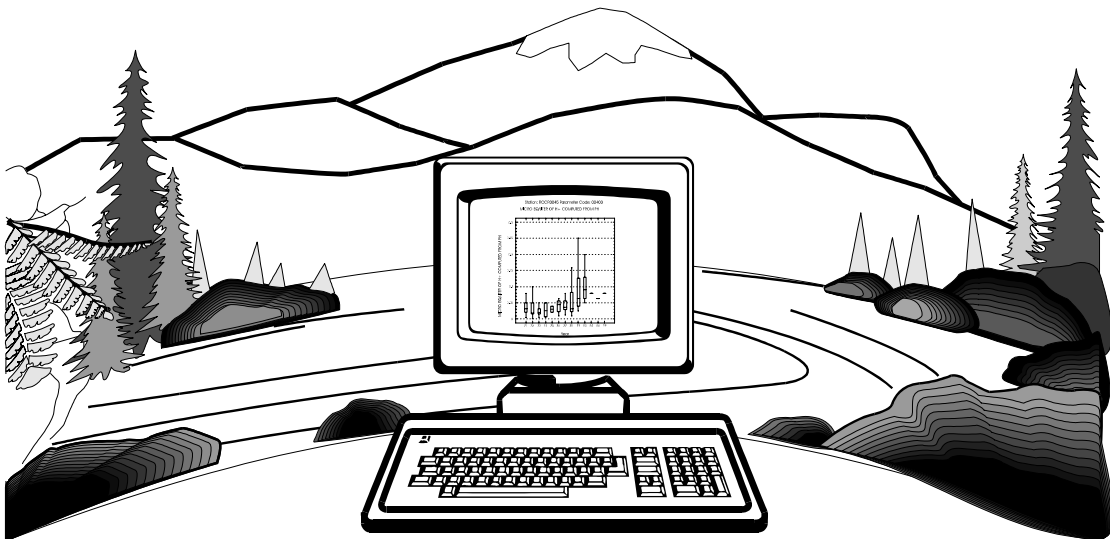


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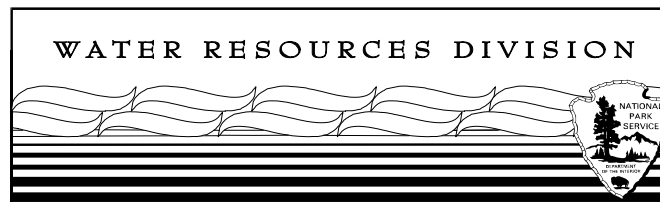
# BASELINE WATER QUALITY DATA

## INVENTORY AND ANALYSIS

### Santa Monica Mountains National Recreation Area



#### WATER RESOURCES DIVISION AND SERVICEWIDE INVENTORY AND MONITORING PROGRAM



*National Park Service - Department of the Interior  
Fort Collins - Denver - Washington*

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**BASELINE WATER QUALITY DATA**  
**INVENTORY AND ANALYSIS**  
  
**SANTA MONICA MOUNTAINS**  
**NATIONAL RECREATION AREA**

National Park Service  
Water Resources Division  
Fort Collins, CO 80525

Technical Report NPS/NRWRD/NRTR-96/78

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## EXECUTIVE SUMMARY

This document presents the results of surface-water-quality data retrievals for Santa Monica Mountains National Recreation Area (SAMO) from six of the United States Environmental Protection Agency's (EPA) national databases: (1) Storage and Retrieval (STORET) water quality database management system; (2) River Reach File (RF3); (3) Industrial Facilities Discharge (IFD); (4) Drinking Water Supplies (DRINKS); (5) Water Gages (GAGES); and (6) Water Impoundments (DAMS). This document is one product resulting from a cooperative contractual endeavor between the National Park Service's Servicewide Inventory and Monitoring Program, the National Park Service's Water Resources Division (WRD), and Horizon Systems Corporation to retrieve, format, and analyze surface water quality data for all units of the National Park System containing significant water resources. The primary goal of the project is to provide descriptive water quality information in a manner and format that is both consistent with the goals of the Servicewide Inventory and Monitoring Program and useable by park resource managers. The document provides: (1) a complete inventory of all retrieved water quality parameter data, water quality stations, and the entities responsible for the data collection; (2) descriptive statistics and appropriate graphical plots of water quality data characterizing period of record, annual, and seasonal central tendencies and trends; (3) a comparison of the park's water quality data to relevant EPA and WRD water quality screening criteria; and (4) an Inventory Data Evaluation and Analysis (IDEA) to determine what Servicewide Inventory and Monitoring Program "Level I" water quality parameters have been measured within the study area. Accompanying the report are disks containing digital copies of all data used in the report, as well as all components of the report (tables, figures, etc.).

The results of the retrievals for the study area from the IFD, DRINKS, GAGES, and DAMS databases located 38 industrial/municipal dischargers; nine drinking water intakes; 15 active or inactive U. S. Geological Survey (USGS), U.S. Army Corps of Engineers, and U.S. National Weather Service water gages (including stream, lake, and well); and 24 water impoundments. The results of the STORET retrieval for the study area yielded 50,643 observations for 424 separate parameters collected by the USGS, EPA, California Water Resources Control Board, and the Los Angeles County Department of Public Works at 184 monitoring stations. Twenty-nine stations within the study area were established but contained no data. Four stations (SAMO 0078, SAMO 0082, SAMO 0121, SAMO 0145) did not contain data appropriate for statistical analysis. Of the 155 monitoring stations with data, one station at the mouth of Malibu Creek (SAMO 0057) was used only for monitoring fish tissues. One station in Arroyo Simi (SAMO 0095) and one station in Callegus Creek (SAMO 0146) were used primarily for monitoring sediment size and discharge. Fifty-two stations were located within the park boundary (see Station Period of Record Tabulation).

Most of the monitoring stations represent either one-time or intensive single-year sampling efforts by the collecting agencies. Twenty-one stations within the study area (14 within the park boundary) yielded longer-term records consisting of multiple observations for several important water quality parameters (see Station Period of Record Tabulation). The stations yielding the longest-term records within the park boundary are: (1) Malibu Creek @ Cross Creek Road (SAMO 0061); (2) Topanga Cyn Creek @ F54B-R (SAMO 0028); (3) Malibu Creek At Pacific Coast Hwy (SAMO 0062); (4) Kenter Canyon Drain @ Pico (SAMO 0014); (5) Malibu C At Crater Camp Nr Calabasas Calif (SAMO 0069); and (6) Topanga C Nr Topanga Bch Ca (SAMO 0029). The stations yielding the longest-term records within the study area, but outside of the park boundary, are: (1) Los Angeles River @ Tujunga (SAMO 0002); (2) Los Angeles River At Tujunga Ave (SAMO 0001); (3) Santa Monica Canyon Channel (SAMO 0018); (4) Los Angeles Aqued At Outlet At San Fernando C (SAMO 0055); and (5) Arroyo Simi Near Simi (SAMO 0097)<sup>†</sup>.

Screening criteria consisting of published EPA water-quality criteria and instantaneous concentration values selected by the WRD were used to identify potential water quality problems within the study area. While the criteria represent important threshold concentrations of pollutants, it is important to remember that criteria may have been exceeded due to any number of natural or anthropogenic factors, including errors in field, laboratory,

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<sup>†</sup>Water quality station location descriptions are verbatim from STORET. Any misspellings and abbreviations in STORET are replicated in this document.

and/or recording procedures. The reader is advised to read the Introduction for additional caveats in interpreting the exceeded criteria in this report. The results of the SAMO water quality criteria screen found 34 groups of parameters that exceeded screening criteria at least once within the study area. Dissolved oxygen, pH, chloride, cyanide, arsenic, beryllium, cadmium, chromium, copper, lead, mercury, nickel, selenium, silver, zinc, DDD, DDT, endosulfan, and endrin exceeded their respective EPA criteria for the protection of freshwater aquatic life. Copper and nickel exceeded their respective EPA criteria for the protection of marine aquatic life. Nitrate, nitrite, nitrite plus nitrate, chloride, cyanide, fluoride, sulfate, arsenic, barium, beryllium, cadmium, chromium, copper, lead, mercury, nickel, selenium, silver, zinc, bis(2-ethylhexyl) phthalate, methylene chloride, tetrachloroethylene, trichloroethylene, atrazine, endrin, and lindane exceeded their respective EPA drinking water criteria. Bacteria concentrations (total coliform and fecal coliform) and turbidity exceeded the WRD screening limits for freshwater bathing and aquatic life, respectively.

Dissolved oxygen concentrations were measured 1,106 times at 38 monitoring stations from 1967 through 1988. Of the 1,105 observations used in the criteria analysis (see EPA Water Quality Criteria Analysis for Station in the Interpretive Guide to Water Quality Results for explanation), 59 observations at ten stations in the Los Angeles River (SAMO 0001, SAMO 0002, SAMO 0005, SAMO 0006), Kenter Canyon Drain (SAMO 0014, SAMO 0015), Topanga Canyon Creek (SAMO 0028), Malibu Creek (SAMO 0061, SAMO 0062), and Big Sycamore Creek (SAMO 0141) were less than or equal to the 4 milligrams per liter (mg/L) EPA criterion for the protection of freshwater aquatic life. Seventy-five percent of the observations below the criterion were recorded at stations in the Kenter Canyon Drain and Malibu Creek.

The pH was measured 1,745 times at 116 monitoring stations from 1951 through 1993. Nineteen observations at nine stations (SAMO 0001, SAMO 0002, SAMO 0014, SAMO 0015, SAMO 0016, SAMO 0018, SAMO 0023, SAMO 0028, SAMO 0030) were outside the pH range of 6.5 to 9.0 standard units (SU) (EPA chronic criteria for freshwater aquatic life). Seven observations were greater than or equal to pH 9.0 and 12 observations were less than or equal to pH 6.5. The highest reported pH was 9.7 SU in the Los Angeles River (SAMO 0002) in April 1984. The lowest pH of 6.2 SU was reported at two stations in the Kenter Canyon Drain (SAMO 0014, SAMO 0015) in July 1974.

Turbidity was measured 40 times at 9 monitoring stations from 1967 through 1988. Two observations at two stations in the Arroyo Simi near Moorpark (SAMO 0111, SAMO 0112) and one observation in Conejo Creek (SAMO 0132) exceeded the WRD screening criterion of 50 turbidity units (JTU/FTU/NTU). The highest reported value of 150 FTU was in Conejo Creek (SAMO 0132) in January 1967.

Total coliform concentrations were measured 881 times at nine monitoring stations from 1967 through 1991. Of the 878 observations used in the criteria analysis (see EPA Water Quality Criteria Analysis for Station in the Interpretive Guide to Water Quality Results for explanation), 716 observations at nine stations exceeded the WRD bathing water criterion of 1,000 Colony Forming Units/Most Probable Number per 100 milliliters (CFU/MPN/100 ml). The highest reported concentration was at least 9,900,000 CFU/100 ml in the Kenter Canyon Drain at Pico (SAMO 0014) in January 1981. Fecal coliform concentrations were measured 907 times at 25 monitoring stations from 1970 through 1991. Of the 905 observations used in the criteria analysis (see EPA Water Quality Criteria Analysis for Station in the Interpretive Guide to Water Quality Results for explanation), 578 observations at 22 stations exceeded the WRD bathing water criterion of 200 CFU/MPN/100 ml. The highest reported concentration was 3,300,000 CFU/100 ml in the Kenter Canyon Drain (SAMO 0014) in December 1980. Approximately 90 percent of the observations exceeding the criterion were recorded in the Los Angeles River (SAMO 0002), Kenter Canyon Drain (SAMO 0014), Santa Monica Canyon Channel (SAMO 0018), Topanga Canyon Creek (SAMO 0028), and Malibu Creek (SAMO 0061).

Nitrate concentrations (including dissolved and total as N, and as NO<sub>3</sub>) were measured 2,253 times at 84 monitoring stations from 1951 through 1991. Sixty-three concentrations at 25 stations exceeded the drinking water criterion of 10 mg/L. The highest reported value of 269 mg/L occurred in the seepage east of Chase (SAMO 0177) in February 1961. Most of the stations exceeding this criterion were located outside the park, particularly in the northern and western-most portions of the study area.

Nitrite concentrations (including dissolved and total as N, and as NO<sub>2</sub>) were measured 504 times at 13 monitoring stations from 1970 through 1993. Fifteen concentrations in the Los Angeles River (SAMO 0002) and two concentrations in Kenter Canyon Drain (SAMO 0014) exceeded the drinking water criterion of 1 mg/L. The highest reported value of 7.68 mg/L was in the Los Angeles River (SAMO 0002) in July 1988.

Nitrite plus nitrate concentrations (including dissolved and total) were measured 127 times at 31 monitoring stations from 1979 through 1993. Of the 124 observations used in the criteria analysis<sup>††</sup>, four concentrations, ranging from 10 mg/L to 12 mg/L, at two stations in Malibu Creek (SAMO 0061, SAMO 0069) equaled or exceeded the drinking water criterion of 10 mg/L in May and June 1984.

Chloride concentrations (including dissolved and total) were measured 1,578 times at 118 monitoring stations from 1951 through 1993. Of the 1,574 observations used in the criteria analysis<sup>††</sup>, 104 concentrations at 34 stations exceeded the secondary drinking water criterion of 250 mg/L. Fifty-four of these 104 concentrations also exceeded the acute freshwater criterion of 860 mg/L. Approximately 75% of the observations exceeding the criteria occurred in the Kenter Canyon Drain (SAMO 0014, SAMO 0015). The highest reported value of 20,000 mg/L occurred in the seepage east of Chase (SAMO 0177) in February 1961.

Cyanide concentrations (including dissolved and total) were measured 138 times at 20 monitoring stations from 1973 through 1987. Of the 73 observations used in the criteria analysis (see EPA Water Quality Criteria Analysis for Station in the Interpretive Guide to Water Quality Results for explanation), 23 concentrations at ten stations (SAMO 0013, SAMO 0014, SAMO 0015, SAMO 0018, SAMO 0023, SAMO 0030, SAMO 0055, SAMO 0062, SAMO 0151, SAMO 0161) exceeded the acute freshwater criterion of 22 micrograms per liter (µg/L). Two of these 23 concentrations also exceeded the drinking water criterion of 200 µg/L. The highest reported value of 10,000 µg/L occurred in the Kenter Canyon Drain (SAMO 0014) and Los Angeles Aqueduct (SAMO 0055) in 1974 and 1980, respectively.

Fluoride concentrations (including dissolved and total) were measured 694 times at 96 monitoring stations from 1951 through 1993. Of the 690 observations used in the criteria analysis<sup>††</sup>, three concentrations, ranging from 4.3 mg/L to 5.8 mg/L, in the Kenter Canyon Drain (SAMO 0014), Los Angeles Aqueduct (SAMO 0055), and seepage east of Chase (SAMO 0177) exceeded the drinking water criterion of 4.0 mg/L from 1961 through 1992.

Sulfate concentrations (including dissolved and total) were measured 1,557 times at 107 monitoring stations from 1951 through 1993. Of the 1,553 observations used in the criteria analysis<sup>††</sup>, 949 observations at 73 stations equaled or exceeded the secondary drinking water criterion of 250 mg/L. The highest reported value of 2,430 mg/L occurred in the Oxnard Drainage (SAMO 0170) in August 1952. Approximately 74 percent of the observations exceeding this criterion occurred in the Los Angeles River (SAMO 0001, SAMO 0002), Topanga Creek (SAMO 0007, SAMO 0028, SAMO 0029, SAMO 0030), and Malibu Creek (SAMO 0060, SAMO 0061, SAMO 0062, SAMO 0068, SAMO 0069, SAMO 0083).

Arsenic concentrations (including dissolved and total) were measured 461 times at 50 monitoring stations from 1970 through 1993. Fourteen concentrations at five stations (SAMO 0002, SAMO 0014, SAMO 0018, SAMO 0028, SAMO 0061) exceeded the drinking water criterion of 50 µg/L. One of these 14 concentrations also exceeded the acute freshwater criterion of 360 µg/L. The highest reported value of 396 µg/L occurred in Topanga Canyon Creek (SAMO 0028) in January 1981.

Barium concentrations (including dissolved and total) were measured 464 times at 30 monitoring stations from 1971 through 1993. Four concentrations, ranging from 2,040 µg/L to 4,200 µg/L, in the Santa Monica Canyon Channel (SAMO 0018) and Topanga Canyon Creek (SAMO 0028) exceeded the drinking water criterion of 2,000 µg/L from 1980 through 1983.

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<sup>††</sup>Water quality observations collected at marine stations were excluded from the criteria analysis due to the absence of applicable marine criteria for this parameter.

Beryllium concentrations (including dissolved and total) were measured 16 times at monitoring nine stations from 1973 through 1986. Seven dissolved concentrations, ranging from 50 µg/L to 130 µg/L, in the Los Angeles Aqueduct (SAMO 0055), exceeded the drinking water criterion of 4.0 µg/L in 1973 and 1974. One of these seven concentrations also equaled the acute freshwater criterion of 130 µg/L.

Cadmium concentrations (including dissolved and total) were measured 560 times at 47 monitoring stations from 1971 through 1991. Of the 272 observations used in the criteria analysis (see EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), 86 concentrations at 21 stations exceeded the acute freshwater criterion of 3.9 µg/L. Eighty-one of these 86 also exceeded the drinking water criterion of 5.0 µg/L. The highest reported value of 470 µg/L occurred in Latigo Creek (SAMO 0086) in March 1983.

Chromium concentrations (including dissolved, total, and hexavalent) were measured 966 times at 49 monitoring stations from 1971 through 1991. Of the 881 observations used in the criteria analysis (see EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation<sup>††</sup>), 19 hexavalent concentrations at four stations (SAMO 0014, SAMO 0018, SAMO 0028, SAMO 0061) exceeded the acute freshwater criterion of 16 µg/L. Nine of these 19 hexavalent concentrations also exceeded the drinking water criterion of 100 µg/L. Thirty-four total and dissolved concentrations at nine stations (SAMO 0014, SAMO 0018, SAMO 0028, SAMO 0029, SAMO 0061, SAMO 0069, SAMO 0086, SAMO 0094, SAMO 0141) exceeded the drinking water criterion of 100 µg/L. The highest reported value of 1,760 µg/L occurred in the Santa Monica Canyon Channel (SAMO 0018) in February 1980.

Copper concentrations (including dissolved and total) were measured 558 times at 48 monitoring stations from 1971 through 1991. Of the 551 observations used in the criteria analysis (see EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), 230 concentrations at 34 stations exceeded the acute freshwater criterion of 18 µg/L. One of these 230 concentrations also exceeded the drinking water criterion of 1,300 µg/L. One total concentration of 30 µg/L in the Malibu Lagoon (SAMO 0059) exceeded the acute marine criterion of 2.9 µg/L in July 1982. The highest reported value of 1,780 µg/L occurred in San Jose Creek (SAMO 0094) in December 1973.

Lead concentrations (including dissolved and total) were measured 552 times at 47 monitoring stations from 1971 through 1991. One-hundred-fifty-one concentrations at 22 stations exceeded the drinking water action level of 15 µg/L. Fifty-nine of these 151 concentrations also exceeded the acute freshwater criterion of 82 µg/L. The highest reported value of 730 µg/L occurred in the Los Angeles River (SAMO 0006) in December 1974.

Mercury concentrations (including dissolved and total) were measured 869 times at 49 monitoring stations from 1971 through 1991. Of the 787 observations used in the criteria analysis (see EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), 53 concentrations at nine stations (SAMO 0001, SAMO 0014, SAMO 0015, SAMO 0018, SAMO 0028, SAMO 0030, SAMO 0061, SAMO 0062, SAMO 0086) exceeded the drinking water criterion of 2 µg/L. Forty-nine of these 53 concentrations also exceeded the acute freshwater criterion of 2.4 µg/L. The highest reported value of 50.2 µg/L occurred in the Santa Monica Canyon Channel (SAMO 0018) in July 1987.

Nickel concentrations (including dissolved and total) were measured 452 times at 28 monitoring stations from 1973 through 1991. Thirty-seven concentrations at nine stations (SAMO 0002, SAMO 0014, SAMO 0018, SAMO 0028, SAMO 0029, SAMO 0030, SAMO 0061, SAMO 0069, SAMO 0094) equaled or exceeded the drinking water criterion of 100 µg/L. Two of these 37 concentrations in the Santa Monica Canyon Channel (SAMO 0018) also exceeded the acute freshwater criterion of 1,400 µg/L. One total concentration of 200 µg/L in Malibu Lagoon (SAMO 0059) exceeded the acute marine criterion of 75 µg/L in July 1982. The highest reported value of 3,600 µg/L occurred in the Santa Monica Canyon Channel (SAMO 0018) in February 1980.

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<sup>††</sup>Water quality observations collected at marine stations were also excluded from the criteria analysis due to the absence of applicable marine criteria for this parameter.

Selenium concentrations (including dissolved and total) were measured 409 times at 44 monitoring stations from 1971 through 1991. Fourteen concentrations at six stations (SAMO 0014, SAMO 0018, SAMO 0028, SAMO 0061, SAMO 0086, SAMO 0090) exceeded the acute freshwater criterion of 20 µg/L. Ten of these 14 concentrations also exceeded the drinking water criterion of 50 µg/L. The highest reported value of 155 µg/L occurred in Topanga Canyon Creek (SAMO 0028) in January 1981.

Silver concentrations (including dissolved and total) were measured 463 times at 23 monitoring stations from 1973 through 1991. Of the 131 observations used in the criteria analysis (see EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), 38 concentrations at ten stations (SAMO 0002, SAMO 0005, SAMO 0014, SAMO 0015, SAMO 0018, SAMO 0028, SAMO 0030, SAMO 0061, SAMO 0062, SAMO 0094) exceeded the acute freshwater criterion of 4.1 µg/L. One of these 38 concentrations also equaled the drinking water criterion of 100 µg/L. The highest reported value of 100 µg/L occurred in the Kenter Canyon Drain (SAMO 0014) in January 1989.

Zinc concentrations (including dissolved and total) were measured 554 times at 49 monitoring stations from 1971 through 1991. One-hundred-thirty-four concentrations at 19 stations exceeded the acute freshwater criterion of 120 µg/L. Two of these 134 concentrations also exceeded the drinking water criterion of 5,000 µg/L. The highest reported value of 7,900 µg/L occurred in Topanga Canyon Creek (SAMO 0028) in February 1980.

Bis(2-ethylhexyl) phthalate concentrations were measured ten times at nine monitoring stations in 1986. Three concentrations, ranging from 25 µg/L to 91 µg/L, at two stations in the Los Angeles River (SAMO 0013, SAMO 0031) exceeded the drinking water criterion of 6 µg/L from October through December 1986.

Methylene chloride concentrations were measured 37 times at 28 monitoring stations during 1986 and 1987. Four concentrations at two stations in the Los Angeles River (SAMO 0013, SAMO 0031) exceeded the drinking water criterion of 5 µg/L. The highest reported value of 8.7 µg/L occurred in the Los Angeles River (SAMO 0013) in March 1987.

Tetrachloroethylene concentrations were measured 37 times at 28 monitoring stations during 1986 and 1987. Three concentrations at two stations in the Los Angeles River (SAMO 0013, SAMO 0031) exceeded the drinking water criterion of 5 µg/L. The highest reported value of 29 µg/L occurred in the Los Angeles River (SAMO 0031) in November 1986.

Trichloroethylene concentrations were measured 37 times at 29 monitoring stations from 1986 through 1989. Two concentrations, 20 µg/L and 19 µg/L, in the Los Angeles River (SAMO 0031) exceeded the drinking water criterion of 5 µg/L in November 1986 and March 1987, respectively.

Atrazine concentrations were measured 41 times at 16 monitoring stations from 1982 through 1988. Of the 37 observations used in the criteria analysis<sup>††</sup>, one concentration of 3 µg/L in Malibu Lake (SAMO 0084) equaled the drinking water criterion of 3 µg/L in January 1982.

DDD concentrations were measured 192 times at 23 monitoring stations from 1973 through 1991. Of the 183 observations used in the criteria analysis (see EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), one concentration of 1.07 µg/L in the Kenter Canyon Drain (SAMO 0014) exceeded the acute freshwater criterion of 0.6 µg/L in March 1984.

DDT concentrations were measured 203 times at 23 monitoring stations from 1973 through 1991. Five concentrations, ranging from 2.00 µg/L to 3.83 µg/L, in the Kenter Canyon Drain (SAMO 0014), Bull Creek

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<sup>††</sup>Water quality observations collected at marine stations were excluded from the criteria analysis due to the absence of applicable marine criteria for this parameter.

(SAMO 0016), Aliso Canyon Creek (SAMO 0023), and Los Angeles River (SAMO 0031) exceeded the acute freshwater criterion of 1.1 µg/L from 1984 through 1986.

Endosulfan concentrations (including alpha, beta, and whole water) were measured 234 times at 10 monitoring stations from 1973 through 1991. Of the 230 observations used in the criteria analysis (see EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), two concentrations, 0.9 µg/L and 2.55 µg/L, in the Kenter Canyon Drain (SAMO 0014) exceeded the acute freshwater criterion of 0.22 µg/L in March and February 1984, respectively.

Endrin concentrations were measured 152 times at 19 monitoring stations from 1973 through 1991. Of the 141 observations used in the criteria analysis (see EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), one concentration of 2.55 µg/L in the Kenter Canyon Drain (SAMO 0014) exceeded the acute freshwater criterion of 0.18 µg/L and the drinking water criterion of 2.0 µg/L in March 1984.

Lindane concentrations were measured 228 times at 25 monitoring stations from 1973 through 1991. Four concentrations, ranging from 0.22 µg/L to 0.5 µg/L, in the Kenter Canyon Drain (SAMO 0014) exceeded the drinking water criterion of 0.2 µg/L from 1980 through 1982.

The IDEA conducted for SAMO indicates that STORET data exist for 12 of the 13 Level I parameter groups in the study area. No STORET data exist for the parameter group Chlorophyll. For 11 groups, less than 25 percent of the observations were recorded since 1985. Relative to other parameter groups, data were limited for the groups Dissolved Oxygen and Clarity/Turbidity. Results for 116 of the 126 EPA priority toxic pollutants (consisting of metals, inorganic parameters, organic parameters, and pesticides) were retrieved from STORET. Of the 155 monitoring stations with data, 64 contained some organic data.

SAMO is located next to the heavily urbanized Los Angeles metropolitan area. Surface water resources in the SAMO study area include: the Los Angeles River; Topanga Canyon Creek; Malibu Creek; several other creeks, arroyos, and canyon drainages (many intermittent); a few small lakes and reservoirs; Mugu and Malibu Lagoons; and the Pacific Ocean. The data inventories and analyses contained in this report indicate that surface waters within the study area have been impacted by bacteria, nutrients, inorganics, trace metals, organics, and pesticides. Potential anthropogenic sources of contaminants include urban and residential development, stormwater runoff, municipal wastewater discharges and septic systems, agricultural activities including irrigation return flows and nonpoint source runoff, and atmospheric deposition.

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## **INTRODUCTION**

The National Park Service's (NPS) Organic Act of 1916 states that the mission of the NPS is to promote and regulate the use of national parks, monuments, and other units "... to conserve the scenery and the natural and historic objects and wildlife therein and to provide for the enjoyment of the same in such a manner and by such means as will leave them unimpaired for the enjoyment of future generations." One task embodied by this mission is preserving and protecting water resources and water dependent environments in parks. Ensuring the integrity of park water quality, due to its importance in sustaining natural, aquatic park ecosystems and supporting human consumptive and recreational use, is fundamental to successfully addressing this task. The first step in ensuring the integrity of park water quality is defining historic and extant water quality.

This document represents one product of an ongoing effort by the NPS Water Resources Division (WRD) and the Servicewide Inventory and Monitoring Program to characterize baseline water quality using existing data at park units containing significant natural resources. This effort was initiated in 1993 by the award of a contract to Horizon Systems Corporation to retrieve, format, and analyze surface water quality data from the Environmental Protection Agency's (EPA) Storage and Retrieval (STORET) database system. The scope of work identified in the Request For Proposals outlined several sequential, interrelated project phases, including, but not limited to: (1) determining the water quality retrieval/query area around each park; (2) downloading and assessing the quality of the data from STORET; (3) generating basic water quality summary statistics and graphic plots; (4) reformatting water quality data for compatibility with the park-based Water Quality Data Management System presently under-development; and (5) providing recommendations concerning possible hardware, software, and personnel options for storing combined park databases in a centralized NPS water quality database. This report documents the results of phases one through four of this effort for this park unit.

### **Goal**

The goal of this document is to provide descriptive water quality information in a format usable for park planning purposes (eg. Water Resources Management Plans, Resource Management Plans, and General Management Plans). The report is designed to characterize baseline water quality rather than assess specific water quality problems at a park. This is consistent with the Servicewide Inventory and Monitoring Program's goal of obtaining basic, "Level I", water quality parameters for key waterbodies at each park (National Park Service 1993). Consequently, this report is best used as a reference document to help design new goal-driven water quality monitoring programs rather than as conclusive evidence of previous or existing water quality problems.

### **Purpose**

The purpose of this report is to inventory existing park water quality data; establish baseline water quality at the park; identify potential water quality problems; and establish a park water quality database. This report is intended to enable park resource managers to compare and contrast water quality data collected as part of ongoing inventory and monitoring programs with historical water quality trends. Additionally, this report is intended to foster better designed park-based water quality inventory and monitoring programs in the future. The water quality databases which accompany this report will also lay the groundwork for establishing a NPS water quality database that will allow Regions and Washington Offices to generate regional and national assessments of park water quality.

### **Objectives**

Specific objectives of the study documented in this report are to:

1. Retrieve water quality and related data from the EPA's STORET and other database systems;
2. Develop a complete inventory of all retrieved data;

3. Produce descriptive statistics and appropriate time series and box-and-whiskers plots of water quality data to characterize period of record, annual, and seasonal central tendencies and trends;
4. Compare water quality data with relevant national EPA water quality criteria on a station-by-station and study area basis;
5. Determine the presence and/or absence of the Servicewide Inventory and Monitoring Program's "Level I" water quality parameters within the study area; and
6. Reformat water quality and other related data for use in the park-based Water Quality Data Management System, presently under-development, and other appropriate analytical tools.

## **Document Overview**

This report is comprised of five chapters. The first chapter, this Introduction, provides a brief statement of the study's background; goal, purpose, and objectives; and the key personnel who helped produce the document. This chapter also contains this brief overview of the document's contents and important interpretive caveats to consider when referring to and using this document. The second chapter focuses on the methods, procedures, and databases that were employed to retrieve and analyze water quality data for the park. The third chapter is the user's interpretive guide to chapter four. Chapter three explains how to interpret all the tables and figures presented in chapter four. Chapter four, which likely comprises the majority of the document (unless there isn't much water quality data for the park), contains detailed inventories, descriptive statistics, graphics, and national EPA water quality criteria comparisons characterizing the park unit's water quality data on a station-by-station basis and over the entire study area. This chapter also contains a comparison of park water quality data with the Servicewide Inventory and Monitoring Program's "Level I" water quality inventory parameters and a listing of water quality observations that were outside the STORET edit criteria range. Chapter five, the Appendices, contains more specialized materials such as the file names and database structures included on floppy disk(s) with this report; STORET edit criteria; national EPA water quality criteria; Servicewide Inventory and Monitoring Program's "Level I" water quality inventory parameters; selected water quality references; and other materials which provide background on the methods, procedures, and databases used or produced by this study.

The water quality and other related data referenced in this report accompany the document on floppy disk. The water quality parameter data file is in DBASE III+<sup>1</sup> format and will be useable in the park-based Water Quality Data Management System presently under-development. The water quality stations, industrial facilities discharges, drinking water intakes, water gages, water impoundments, and River Reach databases are also in DBASE III+ and/or ASCII format for ready-use in Geographic Information Systems (GIS), Computer-Aided Design Systems, or Desktop Mapping Systems.

## **Caveats**

While intended primarily as a reference document, it is important that users peruse the first three chapters and Appendices of this report to better understand and interpret the results presented in chapter four. As a means for identifying potential areas for more intensive study, comparisons of the park's water quality data with relevant national EPA water quality criteria for appropriate designated uses<sup>2</sup> and with the Servicewide Inventory and

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<sup>1</sup>The use and/or mention of specific proprietary hardware or software packages is for informational purposes only and is not intended to connote or denote an endorsement.

<sup>2</sup>The Environmental Protection Agency's Quality Criteria for Water 1995 Final Draft (Silver Book) was the primary source of water quality criteria. In the spirit of the other caveats offered in this section, it is important to recognize that water quality criteria are often revised when new or better information become available.

Monitoring Program's "Level I" water quality inventory parameters have been made. Extreme caution must be exercised in interpreting the results of these comparisons. Observations that exceed water quality criteria may have occurred due to any number of natural or anthropogenic factors, as well as other reasons. For example, STORET is a "user-beware" water quality database system. While there is some rudimentary edit (bounds) checking of any data entered in STORET (See Appendix C), users are basically free to enter their own data. Beyond data entry errors, the possibility of inaccurate data entering the system due to inappropriate measurement techniques, sample mistreatment, and other reasons is a serious concern. Consequently, if observations for a particular parameter frequently exceed the EPA water quality criterion over a prolonged time period, the best approach is to examine in detail the data exceeding the criterion. Questions which should be asked regarding the data include: What water source(s) are manifesting the problem? Does the data make sense? Was it collected by a reputable organization following a sound study plan and employing accepted techniques? If the answers to these questions still cause concern, a specific cause and effect water quality investigation focusing on the parameters of concern may be warranted. Similarly, the absence of particular Servicewide Inventory and Monitoring Program "Level I" water quality parameters from the park only means that no entity or organization has collected and entered this data into the EPA's STORET database. Too frequently, data that are collected in and around NPS units never make it into the EPA's national water quality database. These data may exist in published or unpublished reports, file cabinets, or other databases. Before definitively concluding that no baseline data exist for a particular parameter, these alternative resting grounds for data should be investigated. Such a detailed exploration, however, was beyond the scope of this study.

### **Key Personnel**

Many individuals contributed to the design and implementation of this project. The primary contributors and their roles in the project are briefly mentioned below.

#### National Park Service, Water Resources Division:

Dean Tucker was the Contracting Officer's Technical Representative responsible for designing, coordinating, and implementing all aspects of this effort.

Jill Minter coordinated and managed the team which prepared all components of the report.

Gary Rosenlieb provided administrative oversight and was involved in quality control for all tasks related to this project.

Barry Long and Roy Irwin reviewed technical tasks and provided water quality expertise related to data analysis.

Gary Smillie provided hydrologic expertise in the determination of hydrologic seasons.

Julie Mattick and Mike Matz helped prepare reports and write the Executive Summaries.

Elizabeth Eisenhauer, Scott Hermesen, and Alicia Lizarraga provided digital cartographic support, both in determining retrieval/query areas and producing maps and graphics.

Randy Siddens and Kelli O'Connor uploaded water quality data to STORET prior to report preparation.

Jacque Nolan designed the cover.

Horizon Systems:

Cindy McKay served as Project Manager for Horizon Systems, performed the initial requirements analysis, and was involved in all quality control tasks related to the project.

Alan Cahoon was responsible for automating the procedures which produced the water quality databases and Water Quality Results chapter.

Sue Hanson, P.E., provided technical advice for writing this document.

Dr. Jim Loftis was the data quality analyst for the project.

Armando F. Ballofet, P.E., served as the local technical liaison between Horizon Systems and the NPS.

Other National Park Service:

Several other individuals provided invaluable technical review, comments, administrative support, and/or other assistance, including: Dan Kimball, Bill Jackson, Mark Flora, Gary Williams, John Karish, Brendhan Zubricki, Richard Hammerschlag, Randy Ferrin, Gary Vequist, Mike Martin, Kevin Berghoff, and Dyra Monroe.



## METHODOLOGY

This section provides an overview of the procedures and criteria used to retrieve and analyze water quality data for each park unit. Generating baseline water quality data inventories and analyses for all NPS units is a monumental task. To accomplish this undertaking given a very limited budget, the procedures employed to produce each report had to be as generic and automated as possible. Consequently, customization of reports to individual park needs and issues was not feasible. Moreover, such customization was beyond the scope of this effort which was simply intended to produce baseline water quality data inventories for all parks rather than customized issue-driven reports. During the procedure-development stages of the project, specifications for the final product evolved, within the context of the aforementioned resource constraints, to focus on comprehensive water quality baseline data inventories and concise, descriptive statistical examinations of the available water quality data for each park unit. Detailed below are the data sources and final methods and procedures that were used to create the baseline water quality inventories, analyses, databases, and other products for each park unit. A thorough understanding of the limitations of the data sources and procedures described in this chapter and the next (Interpretive Guide to Water Quality Results) is a prerequisite to intelligent use of the results presented in this document.

### Delineation of Park Study Area

The first step in retrieving water resources-related data for each park was deciding on a procedure to determine the study area boundary. Since water flows through parks, utilizing the park boundary as a simple query/study area was deemed inadequate. On the other end of the continuum, using the entire watershed as the study area was considered superfluous given: (1) the areal extent of certain park watersheds (eg. the entire Mississippi River); (2) the sheer volume of potentially irrelevant data such a large study area could generate; and (3) the resources required to specify the watershed for each park unit. The approach which was ultimately adopted - a modified hydrologic boundary - reflects a compromise between the park boundary and the entire watershed. Thus the study area employed for each park is an area extending at least three miles upstream and one mile downstream from the park boundary. Although these distances are somewhat arbitrary, this approach is easy to automate and was felt to limit the data retrieved, in most instances, to that of most importance to the park. Extending the query area one mile downstream of the park was intended to capture any data immediately downstream of the park which may reflect the quality of the water in the park. A current (as possible) copy of each park's boundary was obtained in digital format directly from the park or digitized from Regional land status maps, U.S. Geological Survey (USGS) quadrangles, or other sources. Using GIS techniques, the boundary was used to create the three miles upstream, one mile downstream buffer. For a few parks with which WRD water quality specialists were very familiar with potential water quality threats and/or valuable sources of data that may lie just outside the study area, the study area may have been tweaked (enlarged) to cover these areas of concern or interest. Unfortunately, a customized study area was not feasible for all park units. Hence, the three miles upstream, one mile downstream buffer was the primary study area employed for most parks. This study area was transferred to the EPA mainframe computer and used as the basis for all water resources-related data retrievals from the data sources described below.

### Data Sources

The EPA maintains many mainframe data systems related to national water resources (U.S. Environmental Protection Agency 1992). Six of these data systems were used for this project:

- STOrage and RETrieval System (STORET) - water quality parameter data, locations of sampling stations, descriptive elements about stations and parameters;
- Industrial Facilities Discharge (IFD) - locations of industrial and municipal point source discharge facilities;

- Drinking Water Supplies (DRINKS) - locations of intake pipes for drinking water supplies;
- Water Gages (GAGES) - locations of USGS and other water gages;
- Water Impoundments (DAMS) - locations of most large water impoundments (greater than 10,000 acre feet at normal pool volume) and many smaller impoundments; and
- River Reach File, Version 3 (RF3) - 1:100,000 scale geographical representation of surface waters (rivers, lakes, etc.) with a unique identifier assigned to each surface water segment and connectivity information useful for routing and navigation.

STORET is the national water quality data repository (U.S. Environmental Protection Agency 1989). Water quality data is entered in STORET by public agencies (federal, state, or local) that collect water samples and/or perform laboratory analysis. As such, STORET is a "user-beware" data system. Although the EPA manages the STORET data system and, since November 1983, has imposed some minimum quality control criteria on the data (See Appendix C), data are generated and input to STORET by the "owner" agencies. Consequently, the EPA does not certify any data within STORET. Currently, there are over 800,000 active and inactive sampling stations and more than 225 million observations covering in excess of 13,000 water quality parameters entered in STORET. The earliest data dates back to the turn of the century. Using the bi-monthly update cycle, user agencies may store results of recent monitoring activities in STORET. Included in STORET is USGS WATSTORE water quality data, which is updated on a monthly basis. Although STORET contains a phenomenal amount of data, it is important to note that data exist in STORET only if the collectors decide to upload their data to the system. Since many agencies and researchers do not upload their data to STORET, the absence of water quality data in the system for a particular area doesn't mean that there has never been any water quality data collected for the area. The data may exist in published or unpublished reports, file cabinets, or in agency-specific databases. Identifying and retrieving these other sources of data were beyond the scope of the present effort. All parameter data and water quality station location data downloaded from STORET within the park's study area are included in DBASE III+ format files on disk(s) accompanying this report (See Appendices A and B).

The data within the IFD database are extracted from the EPA's Permit Compliance System (PCS). IFD contains the facility locations of all industrial and municipal dischargers which require a National Pollutant Discharge Elimination System (NPDES) permit to operate. Over 7,100 municipal, federal, and industrial facilities discharging into the waters of the United States are tracked by PCS and IFD. If any industrial facilities discharges exist within the study area, a file in DBASE III+ format documenting a variety of information about each discharge accompanies this report on disk (See Appendices A and B).

The EPA DRINKS database identifies locations of drinking water supply intakes. This file contains data for 850 supplies which serve more than 25,000 people, and 6,800 supplies which serve between 1,000 and 25,000 people. If any drinking water intakes exist within the study area, a file in DBASE III+ format documenting a variety of information about each intake accompanies this report on disk (See Appendices A and B).

The GAGES data originates primarily with the USGS and copies are maintained on the EPA mainframe computer for ease of integration with other EPA national data systems. Although other agency's water gages, as well as some artificial gages, may appear in GAGES, the vast majority of gages are stream gages belonging to the USGS. The GAGES database contains approximately 36,000 records for both active and inactive gaging stations. If any USGS or other agency stream gages occur within the study area, a file in DBASE III+ format documenting several fields of information about each gage accompanies this report on disk (See Appendices A and B).

The Water Impoundment database was originally compiled by the U.S. Army Corps of Engineers in response to a Congressional inquiry on dam safety hazards (GKY and Associates 1990). The EPA subsequently modified the database for use in water quality investigations. Of the 68,155 dams in the database, 2,125 are considered large (impounding 10,000 acre feet or more at normal pool volume). It is important to note that while the database includes entries for 66,030 smaller dams, estimates place the actual number of dams in the U.S. at several million

(including small farm ponds). If any water impoundments occur within the study area, a file in DBASE III+ format documenting several fields of information about each impoundment accompanies this report on disk (See Appendices A and B).

The RF3 data system is a hydrologic database of surface water features across the U.S. (excluding, at present, Idaho, Oregon and Washington, which currently operate a different system - although this data is expected to be converted to RF3 soon, Alaska and Hawaii). RF3 was created primarily from 1:100,000 scale USGS Digital Line Graph data. RF3 is made up of over 3,000,000 individual "reaches". A reach is generally defined as a portion of surface water between two confluences (U.S. Environmental Protection Agency 1993). The linework underlying RF3 contains over 95,000,000 coordinate points. RF3 is designed to facilitate hydrologic routing, identifying upstream and downstream elements, and specifying the exact location of any point on a stream network. RF3 data exists as a series of traces with associated attributes. The EPA project which is producing RF3 is being conducted in three phases: Compilation, Assessment, and Revision. The Compilation phase is complete except for Idaho, Washington, Oregon, and Alaska. The Assessment phase was completed during the first half of 1994; while the Revision phase was begun in March 1994. One important outcome of the Revision phase is that the reach codes which uniquely identify each surface water feature will change. Consequently, these codes should not be used, at this time, as keys for relating other data to RF3. The RF3 data provided with this document is provisional and should be used only to provide a geographic backdrop for the park's water quality data. RF3 data covering each USGS catalog unit (a geographic area representing a single or multiple drainage basin(s), or some other distinct hydrologic feature (U.S. Geological Survey 1982)) touched by the park's study area is included in ASCII export and DBASE III+ formats on the disk(s) accompanying this report (See Appendices A and B).

For additional information on any of these data systems, contact the EPA Office of Water at (202) 260-7028.

### **Data Retrieval and Analysis Procedures**

The six EPA data systems discussed above reside on the EPA mainframe computer located in Research Triangle Park, N.C. Horizon Systems used a dedicated, leased telephone line with a data transfer rate of 9600 bits per second to download data occurring within the park's study area from all the databases. The bisynchronous communication software and hardware provided error checking during all data transfer procedures.

As described above, the park study/query area boundary was used to select the water quality stations, industrial facilities discharges, drinking water intakes, water gages, water impoundments, and river reaches associated with the park unit. For various reasons, screening criteria (described later in this section) were employed to select appropriate water quality stations, parameters, and observations. Horizon Systems wrote several mainframe programs to automate, to the greatest extent feasible, the STORET data retrieval and storage procedures. Once the data were extracted from the EPA data systems, they were downloaded to a microcomputer for statistical analyses and reformatted into DBASE III+ compatible format.

Specifically, once on the PC, the data were processed to:

- (1) Reformat the data into DBASE III+ format and other database structures;
- (2) Eliminate questionable data outside the STORET edit criteria ranges (See Appendix C);
- (3) Display on a map the location of water quality monitoring stations and other water resources themes;
- (4) Determine the frequency of water quality observations by station, parameter, and station/parameter;
- (5) Generate descriptive period-of-record water quality statistics in a tabular format;
- (6) Generate appropriate descriptive annual and seasonal analyses of the water quality data in a tabular format;
- (7) Plot appropriate period of record time series and annual and seasonal box-and-whisker graphs;
- (8) Compare the water quality data against relevant EPA national criteria; and

- (9) Compare the water quality data against the NPS Servicewide Inventory and Monitoring Program's "Level I" water quality parameters.

Special customized microcomputer programs (primarily written in Clipper and Microsoft Professional BASIC) and procedures were created to address each of these tasks. All reformatted database files are included on disk(s) accompanying this document. The contents of these databases are described briefly below. Complete database structures are included in Appendices A and B. The descriptive water quality tabular statistics (see "Statistical Analyses" below) were computed based upon NPS specifications. Command or batch files were generated to drive STATGRAPHICS 7.0 in order to produce all the time series and box-and-whiskers plots.

### **Park Unit Databases**

Up to seven digital databases in DBASE III+ and other formats have been created for the park by querying the water resources-related data sources described above. The disk(s) containing these databases accompany the report. The contents of each of these databases are discussed briefly below. More detailed documentation of these databases is included in Appendices A and B.

- (A) Water Quality Parameter Data: This database includes all the water quality parameter data downloaded from STORET that passed the STORET Edit Criteria, Date, Station Type, and Phase 0 Parameter screens (described below) and is summarized tabularly and graphically in this document. This constitutes the park's baseline water quality data. Since it is already in digital format, more sophisticated analysis of the data is possible than the descriptive statistics and graphics presented here.
- (B) Water Quality Station Locations: This database consists of the STORET header information describing each station where water quality data was collected. As the latitude and longitude of the station are included in the database, this file is easily imported into the park's GIS.
- (C) Industrial Facility Discharge Locations: This database includes any industrial or municipal point source discharges located within the park's study area. As the latitude and longitude of each discharge facility are included in the database, this file is easily imported into the park's GIS.
- (D) Drinking Water Intake Locations: This database includes any drinking water intakes located within the park's study area. As the latitude and longitude of each intake are included in the database, this file is easily imported into the park's GIS.
- (E) Water Gage Locations: This database includes water (stream, lake, estuary, well, spring, climate, or other) gages located within the park's study area. Most of the gages will likely be stream gages belonging to the USGS. As the latitude and longitude of each gage are included in the database, this file is easily imported into the park's GIS.
- (F) Water Impoundment Locations: This database includes any water impoundments (dams) located within the park's study area. As the latitude and longitude of each impoundment are included in the database, this file is easily imported into the park's GIS.
- (G) River Reach Data: This database includes all stream traces (1:100,000 scale) and attributes for reaches falling within any USGS catalog unit that touches the park's study area. The traces are geo-referenced in ASCII format. The attributes are in both ASCII export and DBASE III+ formats. This information is also readily incorporated into the park's GIS.

The absence of any of these seven files from the disk(s) accompanying the report indicates that there was either no data of this type within the park's study area or the data was unavailable. Several other files are included on the disk(s) accompanying this report, including digital copies of all the figures and tables contained in the document and some other items. Refer to Appendices A and B for detailed documentation of these files. Not included on

disk is an Encyclopedia File (for WRD reference) that documents the minimum and maximum values for each water quality parameter and the parks in which those values were recorded. When Baseline Water Quality Data Inventory and Analysis reports have been completed for all parks, this Encyclopedia File will be available upon request from the NPS WRD.

## **Screening Methodologies and Procedures**

Developing automated or semi-automated procedures to produce baseline water quality inventories and analyses for all national park units required constant testing and debugging of procedures. Three parks, Rock Creek Park, Yellowstone National Park, and Indiana Dunes National Lakeshore, were used to pilot test and refine the automated procedures. It became evident, after a preliminary analysis of all the downloaded STORET data, especially for Indiana Dunes National Lakeshore, that the specifications for the graphical analyses could generate hundreds (possibly thousands) of plots, many of which would not necessarily be useful. Also, there were many stations; parameters; and/or observations downloaded that were not part of the study's objectives; not overly useful; or of dubious quality. In order to reduce the number of graphical plots (time series, annual and seasonal box-and-whiskers) to fit within project resources, various screening criteria were investigated. Ultimately, a comprehensive set of screening criteria were developed to reduce the number of graphical plots. After initial counts of the total number of possible time series and annual and seasonal box-and-whiskers plots were generated, these counts were used to decide which screening criteria would be applied to limit the number of these plots produced for the park unit. Additional screening criteria were employed to restrict the tabular descriptive statistics results to only those deemed useful to the park. Table A provides the categories of screening criteria and to which analyses the screens were applied. A "yes" entry in the table means that the screening category eliminated or prevented data from appearing in certain tables and plots contained in the document. Consequently, in understanding how data from STORET was used in this report, it may be helpful to keep in mind the three general types of screening criteria: (1) screens that apply to stations; (2) screens that apply to certain parameters at stations; and/or (3) screens that apply only to particular observations of parameters at stations. A detailed description of each of the screening criteria categories follows this table. *It is important to note that statistics in "Inventory" reports may not be consistent with statistics in "Overview" reports since different categories of screening criteria were applied.* Also, if attempting to replicate the results of the statistical and graphical analyses presented in this document, be sure to follow the same screening methodologies.

### **STORET Edit Criteria**

As mentioned previously, STORET is a "user-beware" data system. As the EPA doesn't certify any data in STORET, public agencies enter and are responsible for the quality of their own data. Only data entered since November 1983 have been subjected to any rudimentary edit/bounds checking. Agencies entering data since this date can elect to override the edit/bounds checking for individual observations. USGS WATSTORE water quality data is entered into STORET without any EPA edit/bounds checking to ensure data integrity between WATSTORE and STORET. Unfortunately, during the course of our pilot tests, erroneous USGS and EPA water quality data values were discovered. In order to eliminate as much "bad" data as possible, all water quality data downloaded from STORET was subjected to automatic edit/bounds checking (STORET Edit Criteria contained in Appendix C) for the 190 most common parameters. Observations falling outside the STORET Edit Criteria were documented (See the Water Quality Observations Outside STORET Edit Criteria for Park section in the Water Quality Results chapter) and then retained or discarded from the database and all tables and plots based on whether the value was judged as being in the realm of possibility. Although the STORET Edit Criteria screen likely removed some "bad" data for these common parameters, the probability of other erroneous data in the database is high. Be sure to consult the Caveat section in the Introduction.

Table A. Categories of Screening Criteria and to Which Output Products They Apply (A "yes" Entry Means the Screening Category Eliminated or Prevented Data From Being Used in the Product):							
Screening Category	Data Download	Overview Tables	Inventory Tables	Annual Tables	Seasonal Tables	Standards Tables	Plots (All)
<b>STORET Edit Criteria</b>	yes	yes	yes	yes	yes	yes	yes
<b>Date</b>	yes	yes	yes	yes	yes	yes	yes
<b>Station Type</b>	yes	yes	yes	yes	yes	yes	yes
<b>Phase 0 Parameter</b>	yes	yes	yes	yes	yes	yes	yes
<b>Phase 1 Parameter</b>	no	no	yes	yes	yes	yes	yes
<b>Media Type</b>	no	no	yes	yes	yes	yes	yes
<b>Remark Codes</b>	no	no	yes	yes	yes	yes	yes
<b>Composite Type</b>	no	no	yes	yes	yes	yes	yes
<b>Phase 2 Parameter</b>	no	no	no	no	no	no	yes
<b>Observations/Period of Record</b>	no	no	no	yes	yes	no	yes

#### Date Screen

Every water quality observation in STORET typically has a sampling date associated with it. Unfortunately, STORET does not prevent users from entering incorrect dates. Consequently, any water quality observation with an incorrect and/or suspect date (eg. a month greater than 12; a day greater than 31; or a sample date later than the STORET retrieval date) were discarded.

#### Station Type Screen

STORET contains data from a wide variety of stations classified by the type of waterbody in which samples were collected. As this project's purpose was to inventory and analyze surface-water quality, the following surface-water station types were retrieved (clarification provided in parentheses):

##### Station Types Included In Retrieval

- (a) STREAM
- (b) CANAL
- (c) LAKE
- (d) RESERV (Reservoir)
- (e) SPRING
- (f) FWTLND (Fresh Water Wetland)
- (g) SWTLND (Salt Water Wetland)
- (h) ESTURY (Estuary)
- (i) OCEAN

Ground water and/or other station type data may have been retrieved if the entering agency classified the station type incorrectly. Rectifying this error was beyond the scope and resources of this project.

### Phase 0 Parameter Screen

Nearly all water quality parameters associated with each station type listed above were retrieved. The only exception to this was the exclusion of most of the STORET administrative parameters. A complete list of STORET administrative parameters is included in Appendix D. The few administrative parameters that were included in the retrievals are as follows:

<u>Code</u>	<u>STORET Administrative Parameter Description</u>
00027	Code No. for Agency Collecting Sample
00028	Code No. for Agency Analyzing Sample
00063	Sampling Points, Number of In a Cross Section
00111	Ratio of Fecal Coliform to Fecal Streptococci
00115	Sample Treatment Code (1=Raw, 2=Treated)
34772	NPDES Number, Cross Reference
45580	Method of Analysis
74065	Stream Flow Class
74066	Annual Runoff
74067	Soil Classification
74068	Water Quality Designated Use Classification

### Phase 1 Parameter Screen

Some of the data retrieved from STORET was not suitable for statistical or graphical analysis. Consequently, this screening criterion eliminated all parameters which were not suitable for statistical or graphical analysis within the context of this project. The full list of these parameters is presented in Appendix E. Examples of parameters excluded from statistical and graphical analysis include the administrative parameters mentioned above, land use acreage, encoded values, dates, latitude/longitude, etc. Excluded parameters do, however, appear in the Parameter Period of Record and Station/Parameter Period of Record (two of the "Overview" Tables), as well as in the water quality parameter file included on disk(s) accompanying this report.

### Media Type Screen

Water quality samples can be taken in a variety of aqueous media. Water quality data were retrieved from STORET only if the media were WATER or VERT (vertically integrated). WATER and VERT samples comprise the overwhelming majority of samples in STORET. The media screen eliminated the following water quality sampling media:

<u>Media Screen</u>	<u>Description</u>
BOTTOM	Sampled At the Bottom
DREDGE	Sampled By Dredge
PORE	Pore Sample
CORE	Core Sample

### Remark Code Screen

STORET enables the agency collecting water quality samples to provide a qualifying remark for each parameter observation. These remarks provide additional information about the measured or observed value entered into STORET (See Appendix B - Parameter Data File for a complete listing and description of all remark codes). Based on the STORET remark codes, two potential screens were applied to water quality observations based on whether the measured value was used in subsequent analyses: (1) Elimination or (2) Modification/Inclusion.

*Elimination:*

Non-composite water quality parameters with the remark codes presented in Table B were eliminated from the period of record, annual, and seasonal descriptive statistics and graphics. Not including observations with these remarks was justified by the fact that most of the remarks: (A) indicate either less confidence in the measured value; (B) are remarks for nominal or categorical data that doesn't lend itself to statistical analysis; or, (C) complicate the statistical analysis beyond the scope of this effort. Observations containing these remark codes comprise a very small fraction of the data. Although statistical analyses weren't undertaken on this data, all water quality observations, regardless of remark code, are included on disk(s) accompanying this report. If you re-analyze this data in order to replicate the results presented here, be sure to eliminate all non-composite observations with the remark codes presented in Table B.

Table B. Non-composite Parameters With the Following Remark Codes Were Eliminated From Statistical and Graphical Analysis:	
Remark Code	Description of STORET Remark Code
F	Female Species.
J	Estimated, Not the Result of Analytic Measurement.
M	Presence Verified, But Not Quantified, Below Quantification Limit. For Species, Male. For Oxygen Reduction Potential, Indicates Negative Value.
N	Presumptive Evidence of Presence.
O	Analysis Lost.
V	Analyte Was Detected In Sample and Method Blank.
W	Less Than Lowest Value Reportable Under Remark "T".
Z	Too Many Colonies Were Present to Count (TNTC), Value Represents Filtration Value.

*Modification/Inclusion:*

Water quality parameter observations with the remark codes presented in Table C were halved prior to inclusion in period of record, annual, and seasonal descriptive statistics and graphics. These remark codes deal with observations that were below the detection limit for the parameter. The common water quality data analysis convention for these remark codes is to use half of the detection limit in statistical analyses (Ward, Loftis, and McBride 1990; Gilbert 1987). Although this is a somewhat defensible treatment of observations below the detection limit, the statistics that may be computed using these halved values may not be defensible. Consequently, any computed statistics in inventory, annual, or seasonal tables that are comprised of 50% or more K, T, and U remark codes are footnoted "Computed with 50% or more of the total observations as values that were half the detection limit." This will provide the user with some caution in using and interpreting these results. Water quality data included on disk(s) accompanying this report that may have these remark codes are stored as the original entry (detection limit). If you re-analyze this data in order to replicate the results presented here, be sure to substitute half the detection limit value in the database whenever these remark codes are encountered.



Table C. The Value of Water Quality Parameters With the Following Remark Codes Were Halved (Half of the Detection Limit Entered In STORET) Prior to Inclusion In Descriptive Statistics and Graphics:	
Remark Code	Description of STORET Remark Code
K	Off-scale Low, Actual Value Not Known, But Known to Be Less Than Value Shown.
T	Less Than Detection Criteria.
U	Analyzed For But Not Detected, Value is Detection Limit For Process Used. If Species, Undetermined.

#### Composite Type Screen

Sometimes data entered in STORET represent something other than a single measurement at one location at one point in time. These samples are typically referred to as composite samples due to the fact that they vary temporally and spatially. Consequently, the observation entered into STORET for composite data is typically a computed value that summarizes the data over time and/or space. Such data complicate statistical and graphical analyses and must be handled separately. Such treatment was beyond the scope of this study; although composite values typically represent only a fraction of STORET observations. The composite type screen eliminates all composite observations from statistical and graphical analyses, except those with a composite type code of "A" that have a one day or less sampling period and those with a composite type code "D". All water quality observations, regardless of composite type code, are included on disk(s) accompanying this report. If you re-analyze this data in order to replicate the results presented here, be sure to exclude all composite observations except those with a code of "A" that have a one day or less sampling period and those with a code of "D". Table D presents a list of possible STORET composite type codes.

Table D. Possible STORET Composite Type Codes	
Composite Type Code	STORET Composite Type Description
A	Average
H	Maximum
L	Minimum
N	Number of Observations
#	Number of Observations
S	Standard Deviation
U	Sum of Squares
V	Variance
C	Coefficient of Error
X	Coefficient of Variance
E	Skewness
F	Kurtosis
Z	Number of Obs. That Exceed An Established Limit
%	Precision
\$	Accuracy
B	N/A
D	Indicates Replicate Sample

### Phase 2 Parameter Screen

Due to budgetary limitations, the number of graphical plots (time series, annual and seasonal box-and-whiskers) produced had to be manageable - typically no more than 100 total plots. After scrutinizing the results of the pilot tests and the Baseline Water Quality Data Inventory and Analysis Reports produced for the first group of parks, the 19 parameters which, typically, were the most frequently measured at nearly all stations were water temperature, stage, discharge, and various meteorological measurements (See Table E). Consequently, most of the graphical plots produced would be of water temperature, stage, discharge, and meteorological conditions. Although these are important parameters, particularly in conjunction with other water quality parameters, it was felt that plotting resources would be better allocated to other water quality parameters. Consequently the STORET parameter codes listed in Table E never generated graphical plots. It is important to note, however, that these parameters are included in all other aspects of the project, including all applicable period of record, annual, and seasonal descriptive statistics tables.

Table E. Frequently Measured STORET Codes That Were Prevented From Generating Plots	
STORET Parameter Code	STORET Parameter Description
00003	Sampling Station Location, Vertical (Feet)
00010	Water Temperature (Degrees Centigrade)
00020	Temperature, Air (Degrees Centigrade)
00021	Temperature, Air (Degrees Fahrenheit)
00025	Barometric Pressure (MM of HG)
00032	Cloud Cover (Percent)
00035	Wind Velocity (Miles Per Hour)
00036	Wind Direction in Degrees from Trun N (Clockwise)
00040	Wind Direction (Azimuth)
00045	Precipitation, Total (Inches Per Day)
00046	Precipitation, Total (Inches Per Week)
00052	Humidity, Relative (Percent)
00061	Stream Flow, Instantaneous (CFS)
00065	Stream Stage (Feet)
81903	Depth of Bottom of Water @ Sample Site (Feet)
82553	Rainfall In 1 Day Inclusive Prior to Sample (Inches)
82554	Rainfall In 7 Days Inclusive Prior to Sample (Inches)
82371	Rainfall In 3 Days Inclusive Prior to Sample (Inches)
82372	Rainfall In 14 Days Inclusive Prior to Sample (Inches)
85599	Precipitation, Total/Period-Rain Equivalent (Cm/Sample)

#### Observations/Period of Record Screen

Despite never plotting water temperature, stage, discharge, and meteorological measurements, the number of plots generated by some parks still exceeded the 100 plot limit. Also, some rationale was needed to plot only those parameters with sufficient data density to make a meaningful statistical graphic. For example, time series plots comprised of only a few observations or annual or seasonal box-and-whiskers plots with limited observations and/or data in only one or two years or seasons are not very informative. Consequently, a number of plotting criteria were developed to limit the number of time series and box-and-whiskers plots to, at most, 100 informative graphics by using each parameter's number of observations and period of record. Similar, albeit less stringent criteria, were used for including results of annual and seasonal analyses in descriptive statistics tables. Consequently, there are more summaries of annual and seasonal results in tables than in graphics. Whenever an entry in an annual or seasonal table generated a plot, this entry was footnoted to notify the reader of the presence of the graphic. Due to differing quantities of data at parks, different screening criteria were employed. The same

criteria for appearance in seasonal and annual tables were used for all parks. Table F presents the least stringent plot screens.

Table F. Least Stringent Plot Screening Criteria Used to Limit the Number of Plots Generated

<p>Time Series:</p> <p>To generate a time series plot, a station/parameter combination must have a period of record of at least 2 years and a total of at least 8 observations.</p> <p>Annual Analysis:</p> <p>To generate an annual box-and-whiskers plot, a station/parameter combination must have at least 9 observations in each of at least 4 years. The years do not have to be consecutive.</p> <p>Seasonal Analysis:</p> <p>To generate a seasonal box-and-whiskers plot, a station/parameter combination must have at least 9 observations in each of 2 seasons and a period of record of at least 6 years and observations in at least 3 of the 6 years. The years do not have to be consecutive.</p>
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The exact three plot screens used varied by park unit and are documented in the Overview section of the Water Quality Results chapter. If your park's plotting criteria deviated from these least stringent criteria, it is because too many plots would have been generated using these criteria.

The criteria used for appearance of station/parameter combinations in annual and seasonal analysis tables are presented in Table G. These tabular criteria, which are actually the least stringent plotting criteria, were constant from park to park.

Table G. Criteria Used for Generating Entries in Annual and Seasonal Analysis Tables

<p>Annual Analysis:</p> <p>For an entry to appear in an annual table, a station/parameter combination must have at least 9 observations in each of at least 4 years. The years do not have to be consecutive.</p> <p>Seasonal Analysis:</p> <p>For an entry to appear in a seasonal table, a station/parameter combination must have at least 9 observations in each of 2 seasons and a period of record of at least 6 years and observations in at least 3 of the 6 years. The years do not have to be consecutive.</p>
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## Statistical Definitions

Since this report is intended only to characterize historical and/or existing water quality at the park rather than address specific water quality problems, only simple descriptive statistics are presented. Inferential and non-parametric statistical analysis to examine relationships and trends were beyond the scope of the study. The complete water quality dataset is provided on disk accompanying this report to afford the opportunity for more detailed exploratory data analysis. The descriptive statistics are included in the inventory, annual, and seasonal tables. Table H provides a brief definition of each descriptive statistic provided for each parameter at a station.

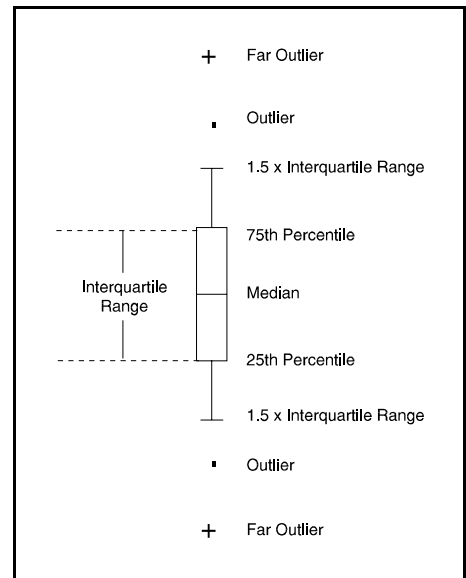
Table H. Definition of Descriptive Statistics Contained in Inventory, Annual, and Seasonal Tables

Observations:	The number of samples collected.
Median:	The median is the 50th percentile or the value in a dataset sorted in ascending order that exceeds 50% of all observations, yet is also exceeded by the remaining 50% of all observations.
Mean:	The sum of all observations collected divided by the number of observations.
Maximum:	The maximum value observed.
Minimum:	The minimum value observed.
Variance:	This is a measure of variability or dispersion of the observations; or, in other words, describes how many observations are close (or far), from the mean. It is calculated as the weighted average of the squared deviations from the mean.
Standard Deviation:	The positive square root of the variance.
10th Percentile:	The value in a dataset sorted in ascending order that exceeds 10% of all observations, yet is itself exceeded by the remaining 90% of all observations.
25th Percentile:	The value in a dataset sorted in ascending order that exceeds 25% of all observations, yet is itself exceeded by the remaining 75% of all observations. The 25th percentile is also known as the first quartile.
75th Percentile:	The value in a dataset sorted in ascending order that exceeds 75% of all observations, yet is itself exceeded by the remaining 25% of all observations. The 75th percentile is also known as the third quartile.
90th Percentile:	The value in a dataset sorted in ascending order that exceeds 90% of all observations, yet is itself exceeded by the remaining 10% of all observations.

As with the tabular descriptive statistics, the scope of the project limited the generation of exploratory graphics to time series plots and annual and seasonal box-and-whiskers plots. Plots were only generated, however, provided the parameter met or exceeded the relevant plotting criteria specified in the previous section.

Time series plots display the parameter concentration on the Y-axis and the date on the X-axis. This provides the user with a visual feeling for not only the parameter's concentration and variability over time, but also the density of data in different time periods. The time series plots provide a visual representation of the data in the basic station inventory. Due to software limitations, a line connects each measured value in sequence regardless of the time period between samples. Readers are cautioned not to assume that the concentration of the parameter between any two data points can be represented by a straight line. It is likely that the concentration varied between any two observations, particularly if the observations are separated by a significant time period.

The annual and seasonal box-and-whisker plots provide a graphical overview of the measured data and give the user a better understanding of the data's distribution and possible outliers. In essence, the box-and-whisker plots provide a visual representation of the data contained in the annual and/or seasonal tables. The interpretation of the boxes is provided in the figure to the right. Each box encompasses the middle 50 percent of measured values (from the 75th to 25th percentiles). The difference between the 75th and 25th percentiles is also known as the interquartile range. The horizontal line inside each box is the median or 50th percentile. The lines which extend out from each end of the box are the whiskers. The whiskers extend out from first quartile (25th percentile) and third quartile (75th percentile) to the smallest data point within 1.5 interquartile ranges from the first and third quartiles. Observations that extend beyond the whiskers are known as outliers. Far outliers are observations whose values lie more than three interquartile ranges below the first quartile or above the third quartile. These are designated with plus signs.



## **INTERPRETIVE GUIDE TO WATER QUALITY RESULTS**

This interpretive guide discusses each of the products presented in the next chapter - Water Quality Results. This chapter highlights how each of the tables and figures were prepared and how they can be used. Each subheading in this chapter corresponds to a particular product in the subsequent Water Quality Results chapter.

### **Overview**

The Overview provides a brief one-page summary of the results of the various database retrievals for both the study area and the park. The study area results include the park results since the study area encompasses the park and all lands and waters within at least 3 miles upstream and 1 mile downstream of the park. Thus, the GIS estimated acreage of the study area should always be greater than the park acreage. The park acreage was computed from the digital boundary that was obtained for the park. More than likely this acreage will differ, perhaps significantly, from the "official" published acreage for the park due to the spatial and temporal accuracy of the digital boundary, treatment of inholdings, and other concerns. The number of STORET stations is the number of locations within the study area and park where an agency monitored (or intended to monitor) water quality. The number of stations with no data reveals the number of stations created in STORET for which water quality data were never entered. The number of stations with no statistical analysis reports the number of stations in the study area and park that contain data not amenable to normal parametric statistics. The number of longer term stations indicates the number of stations in the study area and park with at least 6 parameters having periods-of-record extending 2 years with an average of at least 1 observation per year over the period-of-record. The date of STORET retrieval is the calendar date when Horizon Systems downloaded all the data from STORET. Thus, the report documents all data entered in STORET prior to the retrieval date. Keep in mind that an agency can upload archival data at any time. Consequently, a retrieval date only guarantees that as of that date, this report contains all the data that had been entered into STORET. The period of record is the earliest date for which water quality data exist in STORET for the study area and park up to the date when the most recent data were entered prior to the retrieval date. The number of parameters measured is the number of unique water quality parameters measured within the study area and park and entered in STORET. The number of water quality observations is the sum of the total number of observations across all parameters within the study area and park. The number of industrial/municipal facilities discharges, drinking water intakes, water gages, and water impoundments are the number of each of these entities found within the study area and park. The number of time series, annual, and seasonal plots are the number of these different types of graphics produced by station/parameter combinations within the study area and park using the plotting criteria described in the previous chapter. The hydrologic seasons, described below, are the seasons used for the seasonal water quality data analysis. The time series, annual, and seasonal criteria are the plot and tabular screening criteria described in the previous chapter.

### **Regional Location Map**

The Regional Location Map provides a small scale, general representation of the park and study area location within the United States. Digital, reproducible copies of this graphic are included on the disk(s) accompanying this report.

### **Water Quality Monitoring Locations Map(s)**

The Water Quality Monitoring Locations Map(s) usually provides a larger scale representation of the park and study area than the Regional Location Map. This map indicates the locations within the study area where water quality has been monitored and the data entered into STORET. The water quality monitoring stations are labelled sequentially with the rightmost significant digits. The station names were assigned in numerically ascending order by latitude (for parks with a greater north-south extent than east-west) or longitude (for parks with a greater east-

west extent than north-south). Thus, this map serves as a visual index to the water quality data contained in the report. Since the 1:100,000 scale hydrography (from the River Reach File Ver. 3.0 or other sources) is displayed on the map, users can refer to the map to locate the station number on the reach in which they are interested and then find the appropriate section in the report that documents the water quality at that station. If the scale allows, USGS catalog units are also displayed on the map to provide an approximation of drainage basins. More than one Water Quality Monitoring Location map may be presented if the scale requires breaking the area into multiple maps for legibility. If multiple maps are necessary, an index map showing the geographic extent of each sub-map or panel will be present. Digital, reproducible copies of this graphic are included on the disk(s) accompanying this report. The digital, geo-referenced data files documented in Appendices A and B will allow the park to create water quality monitoring stations as a coverage in their GIS.

### **Dischargers, Drinking Intakes, Gages, and Impoundments Map(s)**

The Dischargers, Drinking Intakes, Gages, and Impoundments Map(s) displays the same information as the Water Quality Monitoring Location Map(s) except the water quality stations are replaced by industrial/municipal facilities discharges, drinking water intakes, active and inactive gage locations, and water impoundments. This map also serves as a visual index allowing the user to determine the identification code of each discharger, drinking intake, gage, or impoundment. This number can then be used to obtain additional information about the entity on the following page of the report or to refer to the more detailed database files accompanying the report on disk. These more detailed database files are geo-referenced (See Appendices A and B), thus allowing the park to create these coverages in their GIS. More than one Dischargers, Drinking Intakes, Gages, and Impoundments map may be presented if the scale requires breaking the area into multiple maps for legibility. If multiple maps are necessary, an index map showing the geographic extent of each sub-map or panel will be present. Digital, reproducible copies of this graphic are also included on the disk(s) accompanying this report.

### **Industrial Facilities Discharges, Drinking Water Intakes, Water Gages, and Water Impoundments Table**

This table provides some additional information about each of the discharges, drinking intakes, water gages, and water impoundments displayed on the previous map(s). This information generally includes the site identification number; the station or facility name; an address or some other indication of location; and some other pertinent information. More detailed information about each of these entities is contained in the database files on disk accompanying the report (See Appendices A and B).

### **Representative Mean Annual Hydrograph for Seasonal Analysis**

One component of the water quality data analysis contained in the document is a seasonal analysis of the data (where adequate data exist). In order to undertake this analysis, some representation of the park's seasons was required. Seasons can be based on many factors (eg. hydrologic, climatic, recreational use, etc.). Since project resources did not allow us to contact every park and discuss with resource management staff what appropriate seasons may be for the park, WRD staff elected to adopt primarily a hydrologic/climatic definition of the seasons which uses a process of hydrograph separation to glean seasons from stream discharge patterns. The procedure employed to make these determinations was as follows:

- (1) Find the nearest USGS Hydro-Climatic Data Network (HCDN) station (U.S. Geological Survey 1992) to the park that is most representative of streamflow conditions at the park. The HCDN is basically a subset of USGS streamflow stations, including only those stations that are unaffected by artificial diversions, storage, or other disruptions of the natural channel. All HCDN stations generally have at least a 20 year period of record. Consequently, discharge patterns at these stations should reflect only hydrologic and climatic influences. For the most part, selected HCDN sites were typically within 15-20 miles of the park. In some parks where WRD staff were aware of the existence of a stream gage located within the park that would be more representative of park waters even though it wasn't an HCDN site, this gage was selected.



- (2) Retrieve the daily discharge values for the selected station from the USGS Daily Values File and generate a mean annual hydrograph and a box-and-whiskers plot of daily flows by month.
- (3) Interpret the plots based on our knowledge of the hydrologic regime at these parks and assign seasons.

This approach, used for the majority of parks, assumes that most water quality data at the park will be found in streams and that the discharge pattern of the selected stream is representative of the seasons for all park waterbodies. Although this assumption may be weak for certain parks, project resources did not allow a more thorough investigation. For parks where there wasn't any stream gage (HCDN or otherwise) deemed representative of park waters, precipitation records from a nearby meteorological station were obtained from the National Climatic Data Center. Plotting daily average precipitation and box-and-whiskers of monthly precipitation sums allowed WRD hydrologists to make a rough approximation of climatic seasons for use in analyzing the water quality data.

Again, it is important to note the many ways of defining "seasons" and thus the limitations of the seasonal analysis contained in this document. For certain parks it may be more useful to perform a seasonal analysis with seasons defined by recreational use patterns or some other natural or anthropogenic factor. This option is available to the park since all the water quality data analyzed in this document is contained on disk(s) accompanying this report. Digital, reproducible copies of this seasonal analysis graphic are also included on the disk(s) accompanying this report.

### **Contacts for Agency Codes Retrieved**

This table provides a list of the organizations who have entered data into STORET. A contact name at the organization and a phone number are also supplied. The agency code in the first column is the key for identifying which stations belong to that agency. This code will appear in the first line of each station's inventory. Although the agencies listed in this table are potential partners for future water quality monitoring or management endeavors, don't be surprised if the name of the contact and/or the telephone number is out of date. This information is entered when an agency first creates a station. The agency may not update this information when the initial contact moves on or the telephone number changes. Nonetheless, it is likely that the contact or someone else at the agency may be able to provide you with project reports or other information relative to the agency's data. A digital copy of this table accompanies this report on disk (See Appendices A and B).

### **Quantity of Data Retrieved by Agency Code**

This table displays the period-of-record; numbers of water quality stations, longer-term stations, and stations without data; total number of water quality observations; and the number of unique water quality parameters measured by each agency within the study area and park boundary. Using this table, a park can quickly determine which agencies collect the most data in and around the park and whether they have monitored recently. A digital copy of this table accompanies this report on disk (See Appendices A and B).

### **Station Period of Record Tabulation**

The Station Period of Record Tabulation provides a quick overview of the names of all the stations within the study area where water quality has been monitored and data entered into STORET. It also furnishes the total number of observations taken at each station and the frequency of observations between certain dates: (1) 01/01/85 until the most recent date data were measured; (2) 01/01/75 - 12/31/84; and (3) prior to 01/01/75. The station identification number, the four character park abbreviation code followed by a four digit number, provides the means to jump from a particular station in the table to the statistical and graphical analyses for this station contained in the Station-By-Station Results section. The Station Period of Record Tabulation reveals which water

quality stations were situated within the park as defined by the park's GIS boundary. The Station Period of Record Tabulation also footnotes longer-term water quality stations. Longer-term stations are those that have at least 6 parameters with an average of one or more observations per year for those parameters during a period of record extending at least two years. Note that although a station may not be flagged as longer-term, it can still harbor much important data (albeit for only a few parameters or over a very long term with just a few observations). A digital copy of this table accompanies this report on disk (See Appendices A and B).

### **Parameter Period of Record Tabulation**

The Parameter Period of Record Tabulation provides a complete listing of every water quality parameter ever measured in the study area and entered into STORET. This table is a summation of all the water quality observations for each parameter across all stations in the study area. Like the Station Period of Record Tabulation, the total number of observations for each parameter and the frequency of observations between: (1) 01/01/85 until the most recent date data were measured; (2) 01/01/75 - 12/31/84; and (3) prior to 01/01/75 are provided. This table is handy for quickly assessing whether particular parameters have been measured in the study area. The Parameter Period of Record Tabulation also shows how many in-park (and total) water quality stations contained data for each parameter. Some administrative parameters and parameters not suitable for statistical analysis within the context of this project (as discussed in the Screening Methodologies and Procedures section of the Methodology chapter) are listed in the Parameter Period of Record Tabulation, but not in the Station-By-Station Results section. A digital copy of this table accompanies this report on disk (See Appendices A and B).

### **Station/Parameter Period of Record Tabulation**

The Station/Parameter Period of Record Tabulation combines the information found in the Station Period of Record Tabulation and the Parameter Period of Record Tabulation. This table provides a listing of all the stations where a particular water quality parameter was measured in the study area and the data entered into STORET. The table provides the start and end dates of the period of record of each parameter at each station; the number of years of measurement (computed from the start and end dates); whether the station/parameter combination occurred within the park boundary; the total number of observations for each parameter at each station, and whether a time series (T), annual (A), and/or seasonal (S) plot was generated for the station/parameter combination in the Station-By-Station Results section. This table is very useful when you need to determine at which locations within the study area (or park) particular parameters were monitored and how much data was collected there. Some administrative parameters and parameters not suitable for statistical analysis within the context of this project (as discussed in the Screening Methodologies and Procedures section of the Methodology chapter) are listed in the Station/Parameter Period of Record Tabulation, but not in the Station-By-Station Results section. A digital copy of this table accompanies this report on disk (See Appendices A and B).

### **Station-By-Station Results**

Probably the most voluminous portion of the document is the Station-By-Station Results. Here the results of the water quality analyses for each station are presented in sequence. The results include the station inventory; parameter inventory; EPA water quality criteria analysis; and, as applicable, time series graphics and annual and seasonal tables and box-and-whiskers graphics. Each of these products are discussed below.

### *Station Inventory for Station*

Each station's data commences with its Station Inventory. The Station Inventory provides the descriptive attributes about each water quality monitoring station contained in STORET. This includes a variety of locational information such as a verbal description, the Federal Information Processing codes for county and state, latitude and longitude, and other items; the station type (stream, spring, estuary, etc.); monitoring agency; creation date; indices to the River Reach File; whether the station lies within the park boundary; and several other attributes. This water quality station location data is also contained on disk(s) accompanying the report (See Appendices A and B).

### *Parameter Inventory for Station*

Following the descriptive attributes about a station is the Parameter Inventory for the station. The Parameter Inventory provides a complete inventory and descriptive summary of all the water quality parameter data for the station. This table furnishes the parameter STORET code and name; the period of record for this parameter at this station; and the descriptive statistics defined in the Statistical Definitions in the previous chapter. Three different footnotes can appear on a parameter's descriptive statistics. Two asterisks (\*\*) in the 10th, 25th, 75th, or 90th percentile columns indicates that there was insufficient data to compute these statistics for this parameter. Percentiles were not computed unless the parameter had at least 9 observations. Two number signs (##) next to the number of observations indicates that more than 50 percent of the observations entered into the computations as values that were taken to be half the detection limit. Caution should be employed in interpreting and using statistical results when more than half the values are set to half the detection limit. The letter "p" following a numeric STORET parameter code in the Parameter Inventory indicates that a time series plot was produced for this parameter at this station. Digital, reproducible copies of the Parameter Inventory tables are contained on the disk(s) accompanying this report.

Two downloaded parameter groups, pH and bacteriological, received special treatment whenever descriptive statistics were computed in the Parameter Inventory (as well as subsequent annual and seasonal tables). Whenever pH appears in a descriptive statistics table, the entry is increased to 3 entries: (1) the original pH entry; (2) pH computed from conversion to and from  $\mu\text{eq/l H}^+$ ; and (3)  $\mu\text{eq/l H}^+$ . The reason for these conversions is that pH is actually the negative logarithm of the hydrogen ion concentration. To be technically correct in computing descriptive statistics, pH values must be converted to  $\mu\text{eq/l H}^+$  (Kunkle and Wilson 1984). Once the descriptive statistics are computed using the pH values expressed as  $\mu\text{eq/l H}^+$ , the results can be converted back to pH. The three pH entries in the descriptive statistics table will all have the same STORET code.

Whenever a bacteriological parameter appears in a descriptive statistics table, the entry is increased to 3 entries: (1) the original bacteriological entry; (2) an entry computed using the log of each measured value; and (3) an entry that simply reports the geometric mean. The reason for converting to logs and displaying the geometric mean is convention. Bacteriological water quality standards typically reference the geometric mean rather than the arithmetic. The three bacteriological entries in the descriptive statistics tables will all have the same STORET code.

### *EPA Water Quality Criteria Analysis for Station*

The EPA Water Quality Criteria Analysis table follows the Parameter Inventory. This table presents a comparison between the station's STORET water quality data and applicable national water quality criteria for freshwater and marine aquatic organisms; drinking water; and other concerns. Comparison against applicable State water quality criteria was not feasible given project resources. Appendix F provides the relevant national EPA water quality criteria values. In most cases, the EPA water quality criteria values are single sample concentrations that can be directly compared to single sample STORET entries. There are, however, two notable exceptions to this single sample/single value comparison: ammonia and fecal-indicator bacteria. For these two parameters, criteria are either derived from or depend on the results of other chemical characteristics of the water or require a time series statistical treatment of multiple samples to determine whether the criterion has been exceeded. The EPA ammonia criterion is pH and temperature dependent. To calculate the criterion for each ammonia sample value was beyond

the scope of this project. Consequently, ammonia criteria were not included in Appendix F or the EPA Water Quality Criteria Analyses. Un-ionized ammonia criteria can be determined from formula table values included in the EPA Silver Book (Environmental Protection Agency 1995).

For the purposes of this project, fecal-indicator bacteria data were flagged as exceeding criteria when their concentrations exceeded 200, 1000, 126, and 33 (fresh)/35 (salt) colony forming units or most probable number for single samples of fecal coliform, total coliform, E. coli, and enterococci, respectively. These values represent only approximations of the criteria for primary contact recreation waters where criteria are typically expressed in terms of a geometric mean computed with no less than 5 samples during a given month. When a fecal-indicator bacterial observation exceeds a criterion in the EPA Water Quality Criteria Analysis section, the reader should refer to the corresponding geometric mean calculations in the preceding Parameter Inventory. Long-term geometric means that exceed the respective water quality criteria for multiple samples are more indicative of chronic bacteriological problems than single sample values.

Water quality observations carrying non-detection or below-detection limit remark codes (K, T, and U) required special treatment in the EPA Water Quality Criteria Analysis. As with the statistics in the Parameter Inventory, half the detection limit was the value used in the EPA Water Quality Criteria Analysis. For certain observations, however, half the detection limit may exceed a water quality criterion. For those observations it would be inappropriate to classify them as exceeding a criterion since the actual value wasn't known. Thus, it was decided that any below detection limit or non-detect observations that exceed a water quality criterion using half the detection value would be excluded from the EPA Water Quality Criteria Analysis. If non-detect or below detection limit values are excluded from the EPA Water Quality Criteria Analysis for a particular parameter, the total observations for that parameter will be footnoted with an ampersand (&). This will also explain the difference between the total observations in the Parameter Inventory and the EPA Water Quality Criteria Analysis. Non-detect or below detection limit values are included in the EPA Water Quality Criteria Analysis, however, if half the detection limit doesn't exceed the parameter's criterion.

The EPA Water Quality Criteria Analysis for each station lists the parameter; the standard type and value; the total number of observations for the parameter at this station; the number of observations that exceeded the standard value; and the proportion of observations that exceeded the standard value. Water quality observations are considered as having exceeded a criterion regardless of whether the criterion represents a maximum acceptable value or a minimum acceptable value. The table also breaks down the water quality criteria analysis on a seasonal basis to allow the reader to discern whether parameter observations tend to exceed criteria during only certain seasons or year round. Although the EPA Water Quality Criteria Analysis table is a good starting point for assessing potential water quality problems at the station, the reader is strongly encouraged to read the caveat section in the Introduction concerning drawing conclusions about water quality problems from this table. Digital, reproducible copies of these tables accompany the report on disk (See Appendices A and B).

#### *Time Series Plots for Station*

Following the EPA Water Quality Criteria analysis will be any Time Series Plots for each parameter that met the time series plot screening criterion selected for the park unit. If a time series plot is generated for a particular parameter at a station, a "p" will appear next to the STORET parameter code in the Parameter Inventory. If no time series plots are present for the particular station, the data did not meet the time series screening criterion listed in the Overview section of the Water Quality Results chapter. The x-axis on these plots is the period of record, listing only the 2-digit calendar year for clarity (i.e. 1983 is presented as 83). The y-axis is the concentration of the selected parameter in its measurement units. In general, the units for a given parameter are given either on the y-axis or in the parameter description in the subtitle of the graph. Subtitle and/or y-axis parameter descriptions may be truncated on the plots so as to not exceed the maximum number of plotting characters. Y-axis values less than zero are sometimes shown for better representation of the entire plot. The station identification code, parameter description, and parameter STORET code are presented in the main title. The footnote provides a descriptive location name. Observations on the plot are represented as squares. Lines are drawn connecting each successive observation. As mentioned previously in the Statistical Definitions section of the Methodology chapter, the interconnecting line is drawn only for ease of reading and provides no indication of what the actual parameter

values were between the two observed measurements. Digital, reproducible copies of all time series plots accompany the report on disk (See Appendices A and B).

For time series plots of pH, the original pH values are plotted. For time series plots of bacteriological data, the log of the measured value is plotted. Hence, the y-axis of a time series plot for bacteriological parameters is log-linear.

#### *Annual Analysis for Station*

If more than 9 observations exist in each of at least 4 years for a particular parameter at a station, an Annual Analysis table will be generated. Entries will be made in the table for each parameter having more than 9 observations in each of at least 4 years. The Annual Analysis presents the same descriptive statistics as the Parameter Inventory table, except that it provides the statistics by year, rather than the entire period of record. Although some of the years may not contain 9 observations, these years still have an entry in the table. A parameter needs only to have 9 observations in any 4 years of its period of record to qualify for the Annual Analysis table. Like the Parameter Inventory, percentiles with fewer than 9 observations are not computed and entries computed with greater than 50 percent of the data values set to half the detection limit are flagged. Entries in the Annual Analysis table that also meet the annual analysis box-and-whisker plot screening criterion will be flagged with a "p" next to the STORET code. Digital, reproducible copies of these tables accompany the report on disk (See Appendices A and B).

#### *Annual Box-and-Whiskers Plots for Station*

Entries in the Annual Analysis table that meet the annual box-and-whisker plot screening criterion will generate Annual Box-and-Whiskers Plots. The interpretation of box-and-whiskers plots is explained in the Statistical Definitions section of the Methodology chapter. A box is generated for each year of the period of record, even if less than 9 observations were recorded in the year. The axis labeling and plot titling is the same as for the time series plots. Digital, reproducible copies of these graphics accompany the report on disk (See Appendices A and B).

For annual box-and-whiskers plots of pH,  $\mu\text{eq/l H}^+$  are plotted. For annual box-and-whiskers plots of bacteriological data, the log of the measured value is plotted. Hence, the y-axis of an annual box-and-whiskers plot for bacteriological parameters is log-linear.

#### *Seasonal Analysis for Station*

As explained above, a park's hydrologic seasons for seasonal water quality analysis were determined using a process of hydrograph separation and other techniques. If a parameter has more than 9 observations in each of 2 seasons with a period of record of at least 6 years and observations in at least 3 of the 6 years, a Seasonal Analysis table will be generated for the station. The Seasonal Analysis presents the same descriptive statistics as the Parameter Inventory table, except that it provides the statistics by season, rather than the entire period of record. Although certain parameters for a season at a station may not contain 9 observations, these parameters can still have an entry in the table. A parameter needs only to have 9 observations in each of 2 seasons with a period of record of at least 6 years and observations in at least 3 of the 6 years to qualify for the Seasonal Analysis table. Consequently, some of the parameters could have fewer than 9 observations in a particular season but still generate a table entry. Like the Parameter Inventory and Annual Analysis, percentiles with fewer than 9 observations are not computed and entries computed with greater than 50 percent of the data values set to half the detection limit are flagged. Entries in the Seasonal Analysis table that also meet the seasonal analysis box-and-whisker plot screening criterion will be flagged with a "p" next to the STORET code. Digital, reproducible copies of these tables accompany the report on disk (See Appendices A and B).

### *Seasonal Box-and-Whiskers Plots for Station*

Entries in the Seasonal Analysis table that meet the seasonal box-and-whisker plot screening criterion will generate Seasonal Box-and-Whiskers Plots. The interpretation of box-and-whiskers plots is explained in the Statistical Definitions section of the Methodology chapter. A box is generated for each season of the period of record, even if less than 9 observations were recorded in the season. On the x-axis, the seasons are labeled 1 through the number of seasons defined for the park through hydrograph separation. The actual calendar dates that correspond to these numerically labeled seasons exist in the Overview section and the Seasonal Analysis tables in the Water Quality Results chapter. The axis labeling and plot titling are the same as for the time series and annual box-and-whiskers plots. Digital, reproducible copies of these graphics accompany the report on disk (See Appendices A and B).

For seasonal box-and-whiskers plots of pH,  $\mu\text{eq/l H}^+$  are plotted. For seasonal box-and-whiskers plots of bacteriological data, the log of the measured value is plotted. Hence, the y-axis of a seasonal box-and-whiskers plot for bacteriological parameters is log-linear.

### **EPA Water Quality Criteria Analysis for Entire Park Study Area**

This table essentially summarizes all the individual station-by-station EPA water quality criteria analyses in the study area. (Refer to the EPA Water Quality Criteria Analysis for Station section above for more detailed information on the treatment of special cases in the EPA Water Quality Criteria Analysis for Entire Park Study Area.) This table presents a comparison between the study area's STORET water quality data and applicable national water quality criteria for freshwater and marine aquatic organisms; drinking water; and other concerns. Comparison against applicable State water quality criteria was not feasible given project resources. Appendix F provides the relevant national EPA water quality criteria values. The EPA Water Quality Criteria Analysis for the Entire Park Study Area lists the parameter; the standard type and value; the total number of observations for the parameter at this station; the number of observations that exceeded the standard value; and the proportion of observations that exceeded the standard value. Water quality observations are considered as having exceeded a criterion regardless of whether the criterion represents a maximum acceptable value or a minimum acceptable value. The table also breaks down the water quality criteria analysis on a seasonal basis to allow the reader to discern whether parameter observations tend to exceed criteria during only certain seasons or year round. Although the EPA Water Quality Criteria Analysis for the Entire Park Study Area is a good starting point for assessing potential water quality problems at the park, the reader is strongly encouraged to read the caveat section in the Introduction before drawing conclusions about water quality problems from this table. A digital, reproducible copy of this table accompanies the report on disk (See Appendices A and B).

### **NPS Servicewide Inventory and Monitoring Program Level I Water Quality Inventory Data Evaluation and Analysis (IDEA)**

One of the objectives of this Baseline Water Quality Data Inventory and Analysis project is to perform an IDEA - an Inventory Data Evaluation and Analysis - to determine the presence and/or absence of Servicewide Inventory and Monitoring Program "Level I" water quality parameter groups in the park's study area. The Strategic Plan for Conducting Baseline Natural Resource Inventories in the National Park Service (National Park Service 1993) identified the basic water quality parameters displayed in Table I as the parameters that all parks must have for "key" waterbodies (determined on the basis of size, uniqueness, threats, etc.) within park boundaries. Since these parameters can be measured in different ways and with different units, there are multiple STORET codes associated with each parameter; hence the concept of parameter groups. The Strategic Plan distinguishes between those parameter groups required for all parks and parameter groups required only on a case-by-case basis.

The IDEA basically compares the parameters listed in the Parameter Period of Record Tabulation and Station/Parameter Period of Record Tabulation with the "Level I" Servicewide Inventory and Monitoring water quality parameter groups, listed in Table I and in Appendix G, and notes, not only the presence or absence of each parameter group, but the total number of observations for each parameter present in the group; the number of

observations between certain time periods; and the total number of stations within the study area at which the parameter was measured. The total number of different (unique) stations measuring parameters for the group is in parentheses on each parameter group's summary line.

The first page of the IDEA lists the missing Servicewide Inventory and Monitoring Program "Level I" groups. If a parameter group appears on this list, no data for any of the parameters defining the group (See Appendix G) was retrieved for it within the study area. So-called non-priority parameter groups may appear in the missing list. Non-priority parameters are park-specific parameters (case-by-case) which may not be applicable to your park. Consequently, if you believe a particular parameter, not included in IDEA (See Appendix G), to be important for your park, you will have to consult the Parameter and Station/Parameter Period of Record Tabulations to determine the presence or absence of this parameter for the park. Although considered a "Level I" parameter, biological data, obtained through rapid bioassessment or other means, is not considered in this report which deals specifically with surface water chemistry. Following the Missing Level I Group list is the Present Level I Group list which displays the summary results for each Servicewide Inventory and Monitoring "Level I" water quality parameter group that was found.

Table I. Basic "Level I" Water Quality Parameters Identified as Required and Optional By the Servicewide Inventory and Monitoring Program for "Key" Park Waterbodies

<p><u>Required Parameter Groups:</u></p> <p>(1) Alkalinity</p> <p>(2) pH</p> <p>(3) Conductivity</p> <p>(4) Dissolved Oxygen</p> <p>(5) Rapid Bioassessment Baseline (EPA/State protocols, involving fish and macroinvertebrates)</p> <p>(6) Temperature</p> <p>(7) Flow</p> <p><u>Case-By-Case Parameters Groups:</u></p> <p>(8) Toxic Elements</p> <p>(9) Clarity/Turbidity</p> <p>(10) Nitrate/Nitrogen</p> <p>(11) Phosphate/Phosphorus</p> <p>(12) Chlorophyll</p> <p>(13) Sulfates</p> <p>(14) Bacteria</p>
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The last page of the IDEA summarizes the information from the Missing and Present Level I Group lists. This page provides information on the temporal and spatial distributions of the data. Included in this table are the total number of observations for each parameter group; the number of observations since January 1, 1985; the percent of the total observations since January 1, 1985; the number of stations measuring each parameter group; the percent of the total number of stations with data measuring the parameter group; the number of observations per station with data; the period-of-record for this parameter group; and the average number of observations per year of the period-of-record.

In interpreting the results of the IDEA, the reader should first consult the Missing Level I Group list. For the parameter groups listed, there was no baseline water quality data within the study area entered in STORET. Consequently, these parameter groups could be a higher priority for data collection. It is important, however, to realize that data within these parameter groups may have been already collected but not entered into STORET. The resources for this project did not enable us to pursue thorough literature and file cabinet reviews to dredge up

every last iota of data. If data exists for certain Servicewide Inventory and Monitoring Program "Level I" water quality parameter groups in a park's file cabinet, it is the park's responsibility to factor that data into their IDEA. Consequently, the listing of a parameter group on the Missing "Level I" Group list is not a WRD endorsement to launch a study to collect these data. The IDEA is intended to simply note that no data exist for these parameter groups in STORET for the park. It is the park's responsibility to ascertain whether such data has already been collected by the park or other entities before embarking on a new study. In fact, in the future the WRD will require that any park study plan proposing to collect baseline water quality data show that they have consulted their Baseline Water Quality Data Inventory and Analysis report and searched in other locations (file cabinets, published literature, etc.) for the data they propose to collect. A similar interpretation springs from the Present "Level I" Group list. Insufficient data density in certain time periods for particular parameter groups is not necessarily cause for launching a new inventory and/or monitoring program. The park should still consult with other potential sources of data. Again, the IDEA is designed to provide only a quick check on data in STORET for the Servicewide Inventory and Monitoring Program "Level I" water quality parameter groups.

### **Water Quality Observations Outside STORET Edit Criteria for Park**

STORET data entered after November 1983 were subjected to rudimentary edit/bounds checking for 190 common parameters (See the STORET Edit Criteria in Appendix C). None of the data entered into STORET prior to that time has been subjected to edit/bounds checking. Moreover, to maintain exact comparability with USGS WATSTORE data, WATSTORE data entered into STORET has never been subjected to the EPA edit/bounds checking. During the pilot test phase of this project, obviously incorrect data was identified from both USGS and other agency data in STORET. As a consequence, all data downloaded from STORET was filtered through the STORET edit criteria to identify parameter observation values that fall outside any edit criterion ranges. This section documents the station name, parameter, date, time, parameter value, agency, and STORET station name of every observation that fell outside the range of an edit criterion. Not all data falling outside an edit criterion are necessarily incorrect. Such data may represent unique or special conditions. Consequently, every observation falling outside a STORET edit criterion was scrutinized to determine, in our best professional judgement, whether the value was in the realm of possibility or obviously incorrect. Water quality observations that appeared to be obviously incorrect are marked with an "X" in the Disposition column of this table. These values were not retrieved or included in any of the inventory tables or graphs. Water quality values outside a STORET edit criterion but within the realm of possibility were retained and included in inventory tables and graphs. The Water Quality Observations Outside STORET Edit Criteria for Park table documents all values that were outside an edit criterion range. This documentation is also necessitated by the fact that agencies can override the STORET edit criteria for individual observations. Although the edit criteria eliminate some potentially "bad" data from the report, the probability of other incorrect data, for both the 190 parameters that are edit/bound checked and all the other STORET parameters that aren't error checked, is high. Readers should consult the Caveat section in the Introduction for guidelines on the use and interpretation of STORET data. The responsibility for correcting these observations rests with the collecting agency.



## **WATER QUALITY RESULTS**



## OVERVIEW FOR SAMO

### Study Area Boundary Description

The study area includes the park and all areas within at least 3 miles upstream of the park unit boundary and at least 1 mile downstream.

	<u>Study Area</u>	<u>Park</u>
GIS Estimated Acreage:	615450	152739
# STORET Stations:	184	52
# Stations With No Data:	29	15
# Stations With No Stat. Analysis:	4	0
# Longer Term Stations:	21	14
Date of STORET Retrieval:	12/17/95	12/17/95
Period of Record:	01/01/01-09/02/93	01/01/01-12/05/91
# Parameters Measured:	424	324
# Water Quality Observations:	50643	27186
# Industrial/Municipal Facilities:	38	3
# Drinking Water Intakes:	9	4
# Water Gages:	15	4
# Water Impoundments:	24	8
# Total Plots:	142	64
# Time Series:	48	19
# Annual:	55	34
# Seasonal:	39	11

### Hydrologic Definition of Seasons:

1. June 1 - October 31
2. November 1 - February 29
3. March 1 - May 31

### Time Series Plot Criteria:

To be included in the time series plots, a station/parameter combination must have at least 18 years and at least 104 observations.

### Annual Analysis Criteria:

To be included in the annual box-and-whisker plots, a station/parameter combination must have at least 9 observations in each of at least 12 years.

To be included in the annual analysis tables, a station/parameter combination must have at least 9 observations in each of at least 4 years.

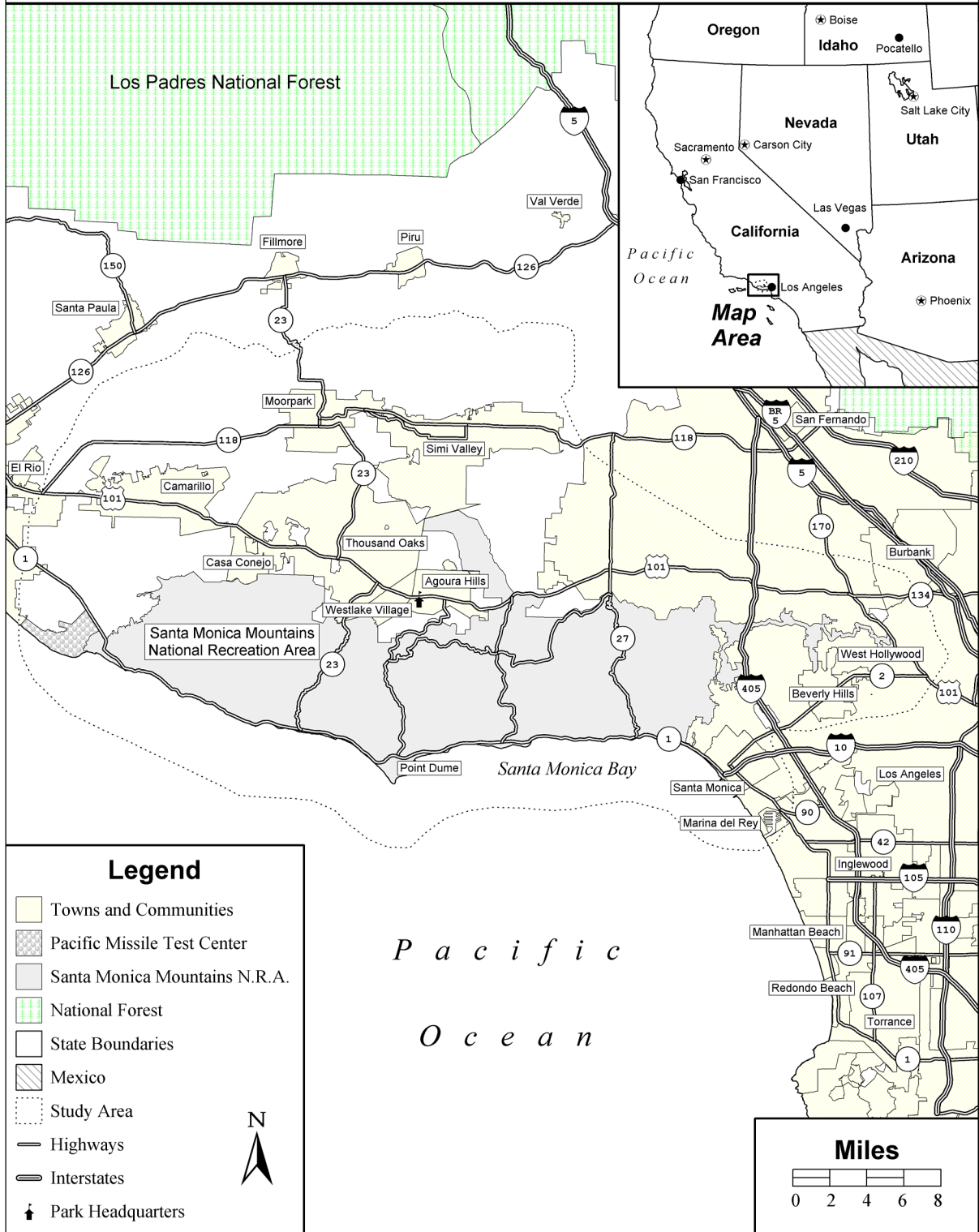
### Seasonal Analysis Criteria:

To be included in the seasonal box-and-whisker plots, a station/parameter combination must have at least 9 observations in each of 2 seasons and a period of record of at least 22 years and observations in at least 4 of the 22 years.

To be included in the seasonal analysis tables, a station/parameter combination must have at least 9 observations in each of 2 seasons and a period of record of at least 6 years and observations in at least 3 of the 6 years.

# Santa Monica Mountains N.R.A.

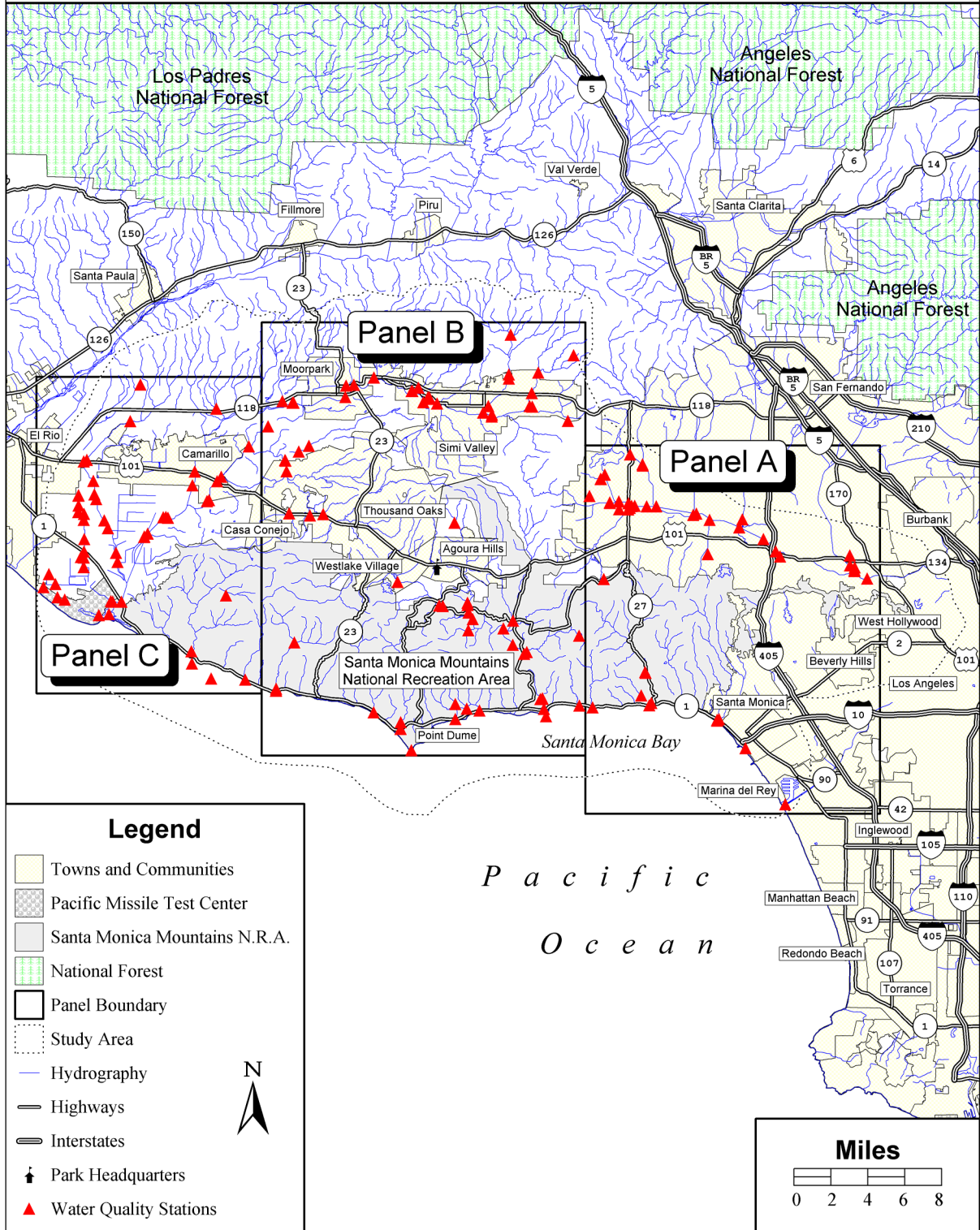
## Regional Location Map



# Santa Monica Mountains N.R.A.

## Water Quality Monitoring Locations

### Graphic Panel Index



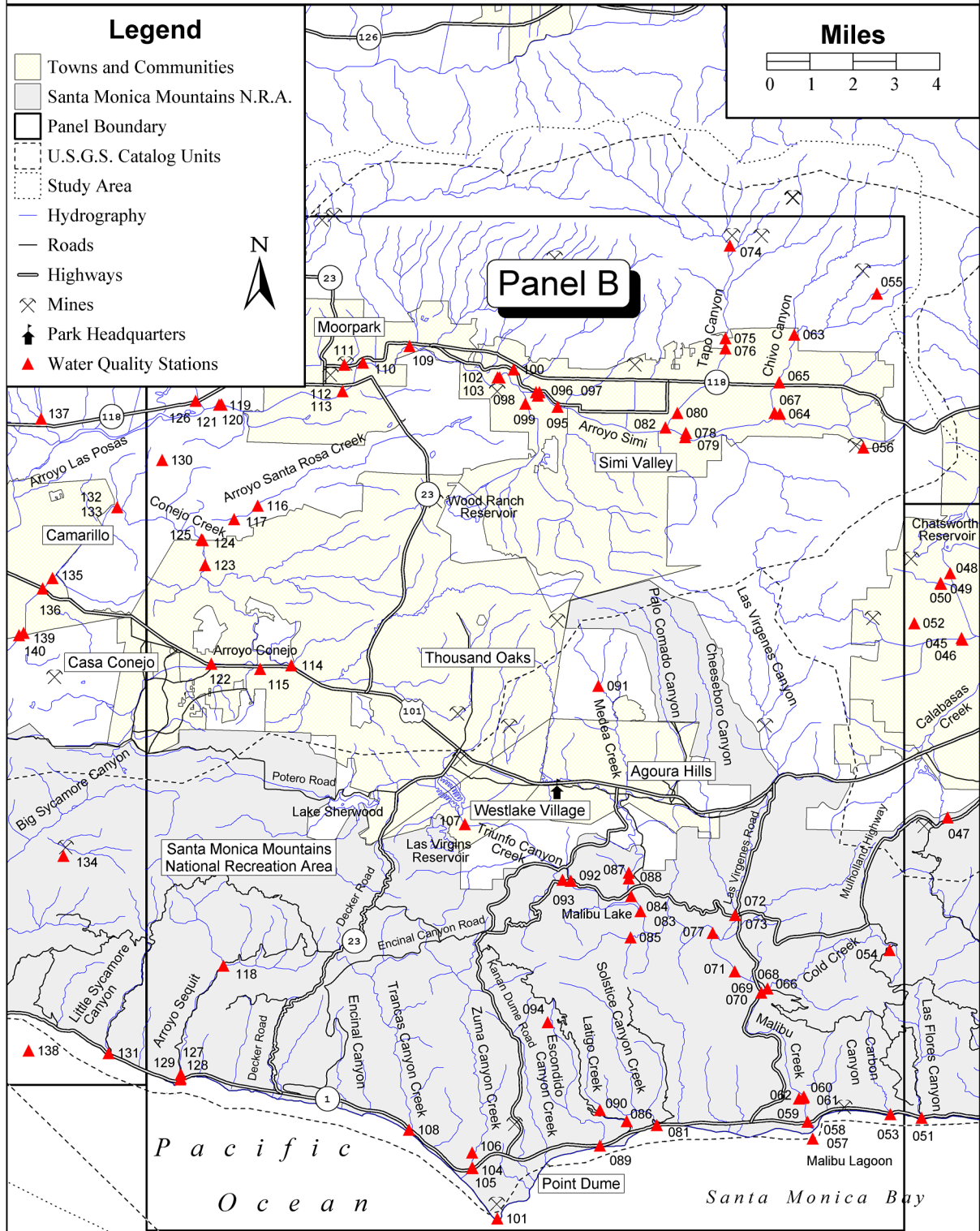
## Water Quality Monitoring Locations





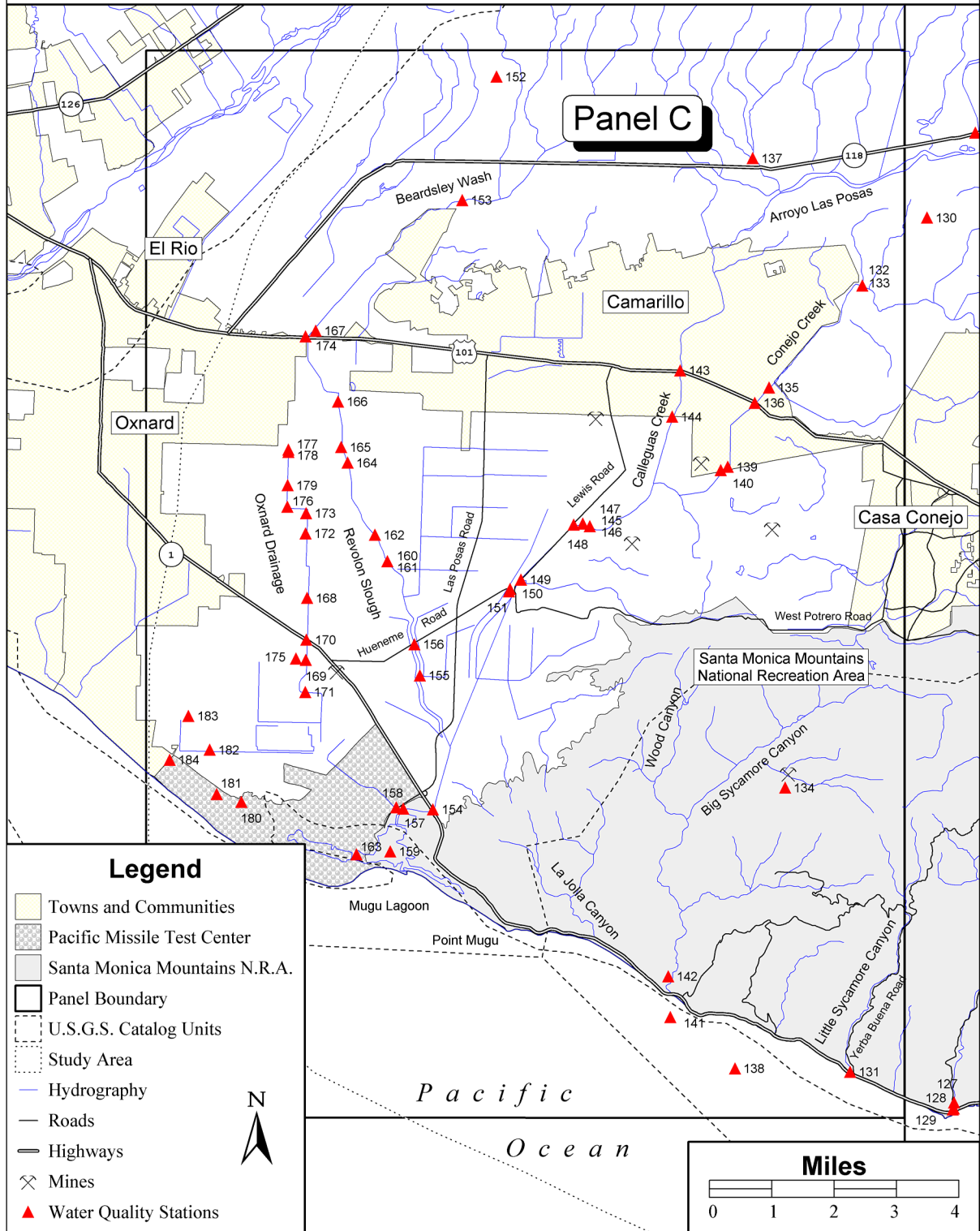
# Santa Monica Mountains N.R.A.

## Water Quality Monitoring Locations



# Santa Monica Mountains N.R.A.

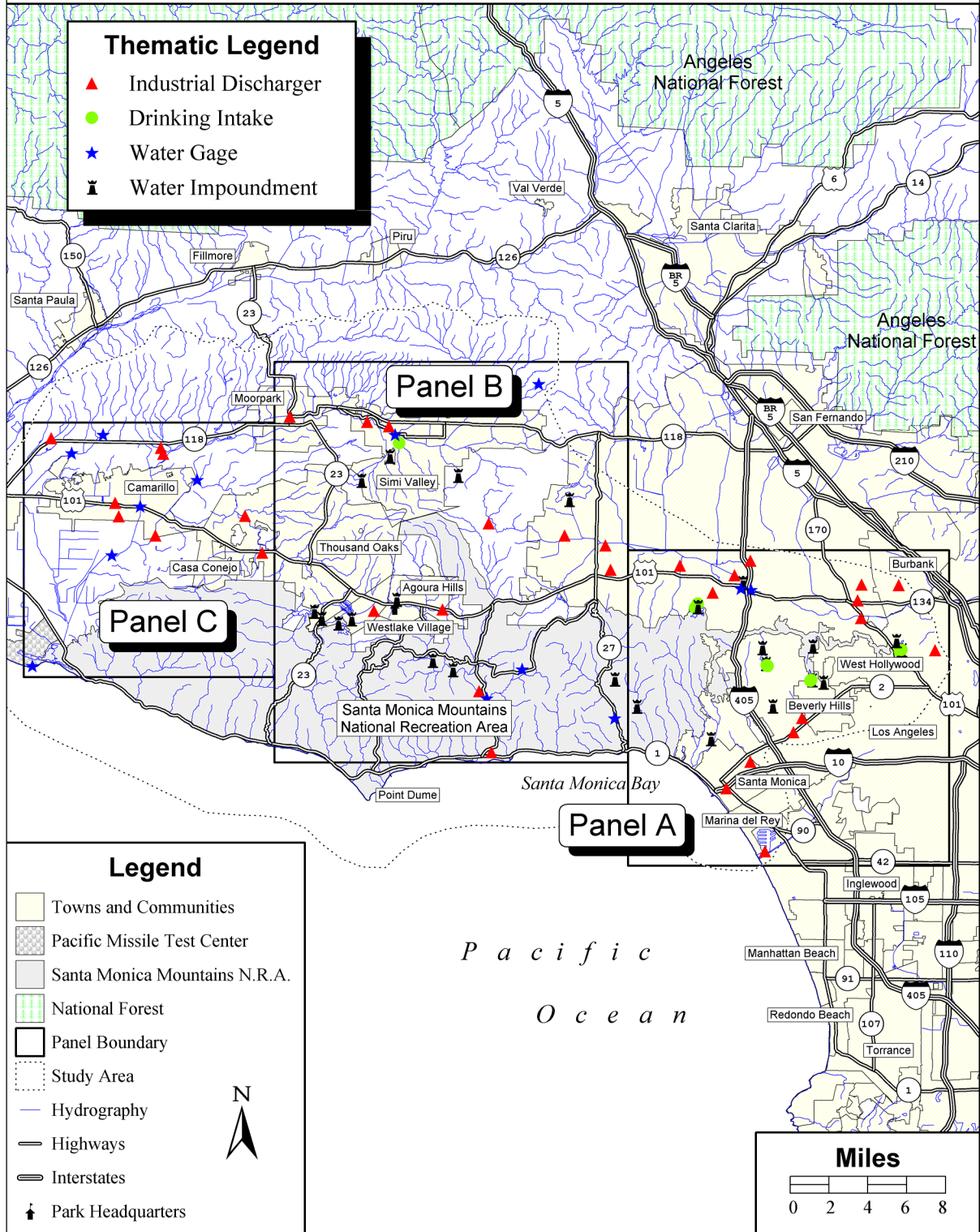
## Water Quality Monitoring Locations





# Santa Monica Mountains N.R.A.

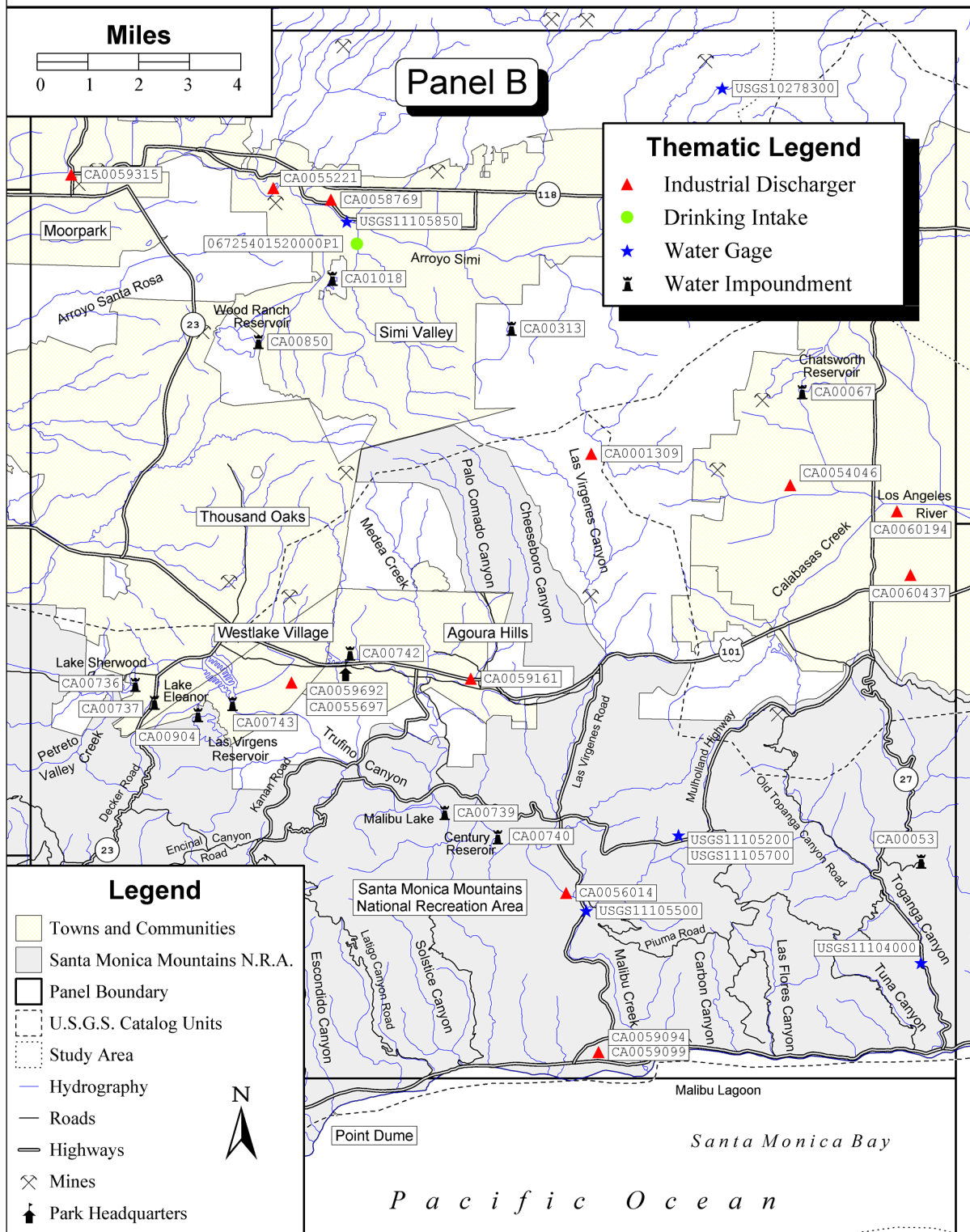
## Dischargers, Drinking Intakes, Water Gages, & Water Impoundments Graphic Panel Index





# Santa Monica Mountains N.R.A.

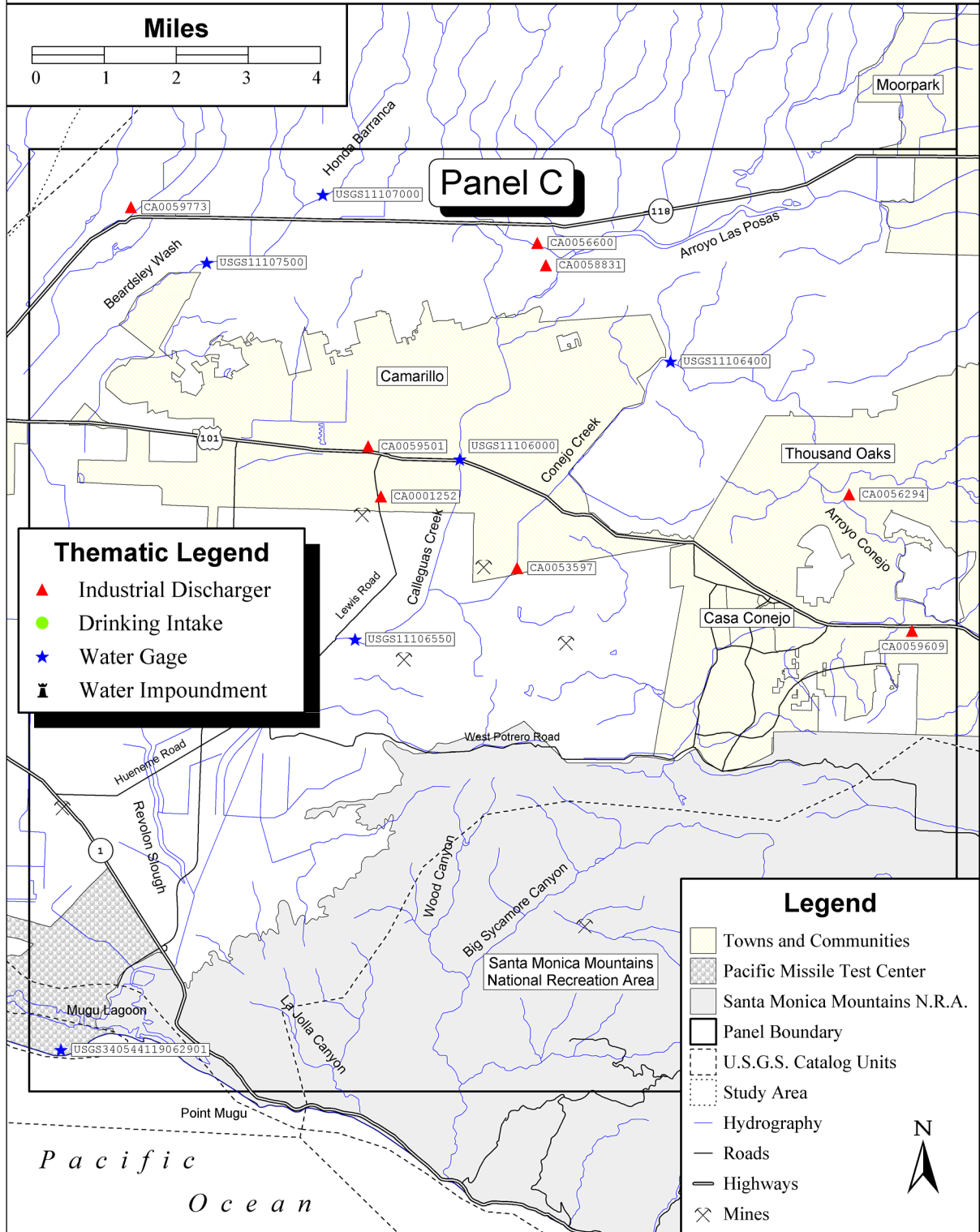
Dischargers, Drinking Intakes, Water Gages, & Water Impoundments





# Santa Monica Mountains N.R.A.

Dischargers, Drinking Intakes, Water Gages, & Water Impoundments



# **Industrial Facility Discharges, Drinking Water Intakes, Water Gages, and Water Impoundments Within the SAMO Study Area**

## **Industrial Facility Discharges**

<u>Site ID</u>	<u>Station/Facility Name</u>	<u>Address</u>	<u>City</u>	<u>Facility Receiving Water Name</u>
CA0001252	MINNESOTA M & MFG CO	350 S LEWIS RD	CAMARILLO	CALLEGUAS CREEK
CA0001309	ROCKWELL INT'L CORP.	ROCKETDYNE DIVISION	CANOGA PARK	BELL CREEK
CA0001741	ANHEUSER BUSCH		VAN NUYS	LOS ANGELES RIVER
CA0002739	MCA, INC.		UNIVERSAL CITY	LOS ANGELES RIVER
CA0002895	TECHNICOLOR, INC.		NORTH HOLLYWOOD	LOS ANGELES RIVER
CA0003344	MARQUARDT CO., THE 16555 SA	16555 SATICOY ST	VAN NUYS	RECVG STRM BULL C
CA0053597	CAMARILLO S.D. W.R.P	601 CARMEN DRIVE	CAMARILLO	CONEJO CREEK TO CALLEGUAS CREE
CA0054046	HUGHES AIRCRAFT CO. 8433 FALLB	8433 FALLBROOK AVE	CANOGA PARK	CHATSWORTH C
CA0054101	SANTA MONICA, CITY 1685 MAIN	1685 MAIN ST	LOS ANGELES	BALLONA C
CA0055077	FORTIN LAMINATING CO1323 TRUMA	11921 SHERMAN WAY	SAN FERNANDO	D TO LOS ANGELES R
CA0055221	SIMI VALLEY CNTY SD	WATER QUALITY CONTROL FAC	SIMI VALLEY	ARROYO SIMI
CA0055697	BURROUGHS CORP. 5411 N LIN	5411 N LINDERO CANYON RD	WESTLAKE VILL.	LINDERO CANYON CH
CA0056014	LAS VIRGENES MUNI.	TAPIA WATER RECLAMATION F	CALABASAS	MALIBU CREEK & LAS VIRGENES CR
CA0056227	LOS ANGELES, CITY OFSEPULVEDA	6100 WOODLEY AVE	LOS ANGELES	LOS ANGELES R
CA0056294	THOUSAND OAKS, CITY	HILL CANYON WWTP	THOUSAND OAKS	NORTH FORK ARROYO CONEJO CREEK
CA0056529	AGGIE CHRIS CRAFT		MARINA DEL RAY	BASIN H MDR
CA0056600	OJAI TAPO CITRUS AS.		SOMIS	ARROYO LOS POSAS
CA0058009	FIDELITY FEDERAL S&L		GLENDALE	LOS ANGELES RIVER
CA0058548	CA AIR NAT'L GUARD		VAN NUYS	BULL CREEK
CA0058572	L.A.D.R.P. GRIFFITH P	.....	LOS ANGELES	C TO PACIFIC OCEAN
CA0058769	TRAVELIN W. TEXTILES45 WEST EA	45 W EASY ST	SIMI VALLEY	BREA CANYON DRAIN TO AR SIMI
CA0058831	EXXON CO., USA SO MTN TAN	.....	SOMIS	CALLEQUAS C
CA0059094	L.A. COUNTY		MALIBU	MARIE CANYON WINTER CANYON
CA0059099	LOS ANGELES COUNTY		MALIBU	MARIE AND WINTER CANYON TO
CA0059161	L.A. COUNTY ROAD DPT		AGOURA	
CA0059315	BLUE STAR READY MIX		MOORPARK	
CA0059391	WILSHIRE RODEO PLAZA		BEVERLY HILLS	
CA0059421	BEVERLY HILL		BEVERLY HILLS	BALLONA CREEK
CA0059501	CAMROSA COUNTY WD		CAMARILLO	CALLEGUS CREEK
CA0059609	TALLEY CORPORATION		NEWBURY PARK	ARROYO CONEJO CREEK
CA0059617	GENERAL TELEPHONE OF CA		SANTA MONICA	
CA0059676	ENCIMO PLAZA PARTNERSHIP		LOS ANGELES	LOS ANGELES RIVER
CA0059692	MEMOREX CORP.		LOS ANGELES CO.	WESTLAKE LAKE
CA0059773	ASGROW SEED CO.			REVOLON SLOUGH
CA0059803	CAL FOUR CAPITAL THEYER ASS.			LOS ANGELES RIVER
CA0060089	CHEVRON USA INC.			LOS ANGELES RIVER
CA0060194	ROCKWELL INT'L CORP			L.A. RIVER
CA0060437	EXXON SERVICE STATION # 3733			

## Industrial Facility Discharges, Drinking Water Intakes, Water Gages, and Water Impoundments Within the SAMO Study Area

### Drinking Water Intakes

<u>Site ID</u>	<u>Station/Facility Name</u>	<u>City</u>	<u>Population Served</u>	<u>Avg. Daily Production (Gal./Day)</u>
06453001810000P2	ENCINO CHLORINATION	LOS ANGELES	2879600	0.00
06453001810000P2I1	ENCINO RESERVOIR	LOS ANGELES	2879600	0.00
06453001810000P3	STONE CANYON CHLOR	LOS ANGELES	2879600	0.00
06453001810000P3I1	STONE CANYON RES	LOS ANGELES	2879600	0.00
06453001810000P4	FRANKLIN CYN CHLOR	LOS ANGELES	2879600	0.00
06453001810000P4I1	FRANKLIN CANYON RES	LOS ANGELES	2879600	0.00
06453001810000P5	HOLLYWOOD CHLOR	LOS ANGELES	2879600	0.00
06453001810000P5I1	HOLLYWOOD RESERVOIR	LOS ANGELES	2879600	0.00
06725401520000P1	.....	SIMI VALLEY	1000	

### Water Gages

<u>Site ID</u>	<u>Station Name</u>	<u>Site Type</u>	<u>Drainage Area (Square Miles)</u>	<u>Begin Year</u>	<u>End Year</u>
USCE340945118283001	SEPULVEDA DAM	Lake	152.00		
USGS10278300	LOS ANGELES AQUED AT	Stream			
USGS11092450	LOS ANGELES R A SEPULVEDA DAM CA	Stream	155.00	1932	1980
USGS11104000	TOPANGA C NR TOPANGA BCH CA	Stream	18.00	1930	1979
USGS11105200	COLD CR TRIB NR MALI		30.00		
USGS11105500	MALIBU C AT CRATER CAMP NR CALABASAS CALIF	Stream	105.00	1931	1979
USGS11105700	LITTLE SYCAMORE CR N		135.00		
USGS11105850	ARROYO SIMI NR SIMI CA	Stream	70.60	1934	1983
USGS11106400	CONEJO CREEK ABOVE HIGHWAY 101 CA	Stream	64.20	1973	1983
USGS11106550	CALLEGUAS C A CAMARILLO STATE HOSPITAL CA	Stream	248.00	1969	1983
USGS11107000	HONDA BARRANCA NR SOMIS CA		257.00	1955	1963
USNWS11092450	LOS ANGELES R AT SEP	Stream	158.00		
USGS11106000	CALLEGUAS CREEK AT CAMARILLO CALIF	Stream	168.00	1929	1958
USGS11107500	BEARDSLEY WASH NR SOMIS CA	Stream	13.50	1954	1958
USGS340544119062901	001S021W08L03S CM1A-565	Well			

### Water Impoundments

<u>Site ID</u>	<u>Impoundment Name</u>	<u>Owner</u>	<u>Primary Purpose</u>	<u>Type of Dam</u>	<u>Downstream Hazard</u>	<u>Year Completed</u>
CA00053	J W WISDA 1-067	CA DEPT PARKS AND REC	Irrig.	Earth	Significant	1958
CA00067	CHATSWORTH 6-004	CITY OF LOS ANGELES	Supply	Other	High	1918
CA00070	ENCINO 6-007	CITY OF LOS ANGELES	Supply	Earth	High	1924
CA00075	LOWER FRANKLIN 6-014	CITY OF LOS ANGELES	Supply	Other	High	1922
CA00078	MULHOLLAND 6-017	CITY OF LOS ANGELES	Supply	Gravity	High	1924
CA00080	SAWTELLE PRESSURE BREAK RES 6-	CITY OF LOS ANGELES	Supply	Earth	High	1924
CA00083	STONE CANYON 6-025	CITY OF LOS ANGELES	Supply	Earth	High	1924
CA00085	UPPER FRANKLIN 6-027	CITY OF LOS ANGELES	Supply	Earth	Significant	1915
CA00087	UPPER HOLLYWOOD 6-029	CITY OF LOS ANGELES	Supply	Earth	Low	1933
CA00097	UPPER STONE CANYON 6-044	CITY OF LOS ANGELES	Supply	Earth	High	1954
CA00100	SANTA YNEZ CANYON 6-047	CITY OF LOS ANGELES	Supply	Earth	Significant	1968
CA00313	RUNKLE 86-003	VENTURA COUNTY FC DIST	Irrig.	Earth	Significant	1949

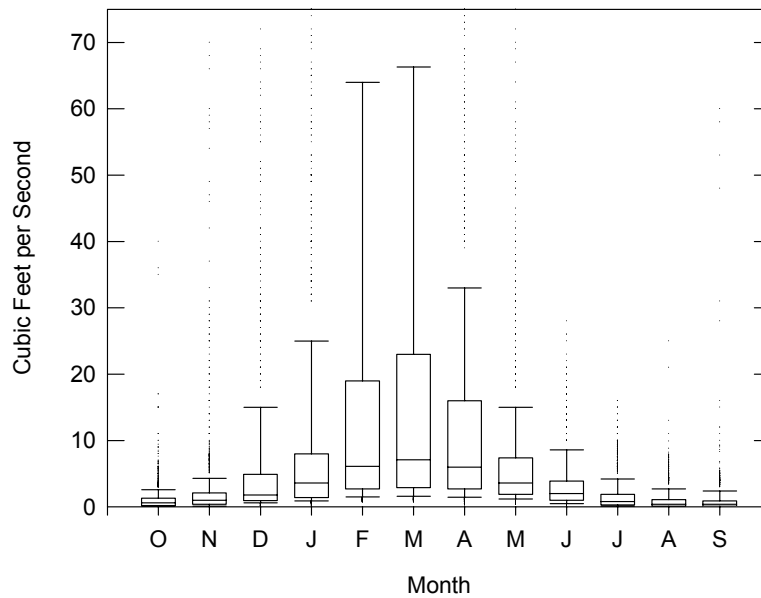
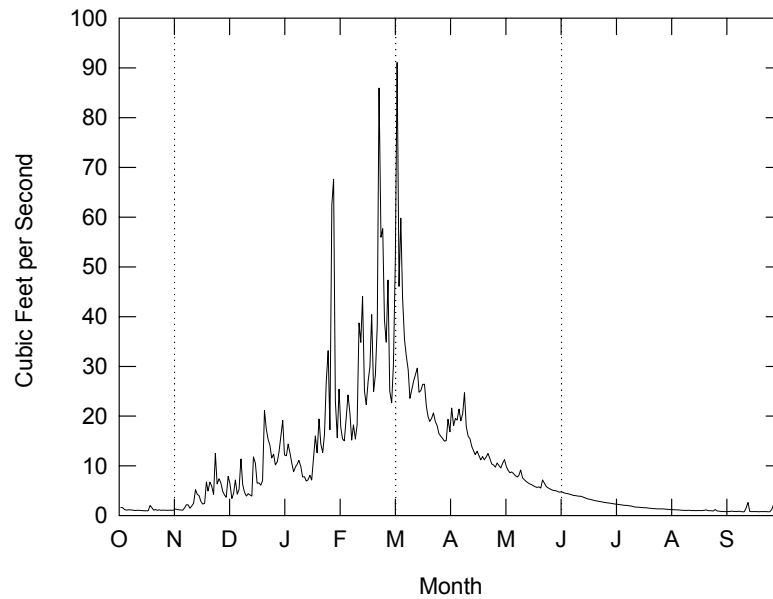
**Industrial Facility Discharges, Drinking Water Intakes,  
Water Gages, and Water Impoundments Within the SAMO Study Area**

**Water Impoundments**

<u>Site ID</u>	<u>Impoundment Name</u>	<u>Owner</u>	<u>Primary Purpose</u>	<u>Type of Dam</u>	<u>Downstream Hazard</u>	<u>Year Completed</u>
CA00736	LAKE SHERWOOD 765-	DAYTON REALTY CO	Supply	V. Arch	High	1904
CA00737	LAKE ELEANOR 1763-	PRUDENTIAL INS CO	Supply	V. Arch	Significant	1881
CA00739	MALIBOU LAKE CLUB 771-	MALIBOU LAKE MTN CLB LTD	Supply	V. Arch	High	1923
CA00740	CENTURY 001-071	ST DEPT OF PARKS-REC	Supply	V. Arch	Significant	1913
CA00742	LINDERO 785-	LAKE LINDERO HOMEOWNERS	Supply	Earth	Significant	1966
CA00743	POTRERO 786-	WESTLAKE LAKE MGMT ASSN	Supply	Gravity	High	1967
CA00850	WOOD RANCH 1027-	CALLEGUAS MWD	Supply	Earth	High	1965
CA00876	RIVIERA RES 1043-	CITY OF SANTA MONICA	Supply	Other	Significant	1962
CA00893	GREYSTONE RES 1061-	CITY OF BEVERLY HILLS	Supply	Other	High	1970
CA00904	WESTLAKE RES 1073-	LAS VIRGINES MWD	Supply	Earth	High	1972
CA01018	SINALOA LAKE 1760	SINALOA LAKE OWNERS ASSN	Irrig.	Earth	High	1925
CA10025	SEPULVEDA DAM	DAEN SPL	Flood	Earth	High	1941

## REPRESENTATIVE MEAN ANNUAL HYDROGRAPH FOR SEASONAL ANALYSIS

SANTA MONICA MOUNTAINS NATIONAL RECREATION AREA  
Arroyo Seco near Pasadena, CA  
11098000, 76 years



Representative mean annual hydrograph (top) and distribution of daily flows by month (bottom) for hydrologic season determination. Box and whiskers represent a five number summary; bottom whisker cap is 10th percentile, bottom of box is 25th percentile, internal line is median, top of box is 75th percentile, and top whisker is 90th percentile. Hydrologic seasons for Santa Monica Mountains National Recreation Area are: Jun. 1 to Oct. 31, Nov. 1 to Feb. 28, and Mar. 1 to May 31.



### CONTACTS FOR AGENCY CODES RETRIEVED FOR SAMO

<u>AGENCY</u>	<u>PRIMARY CONTACT NAME</u>	<u>ORGANIZATION</u>	<u>PHONE NUMBER(S)</u>
21CALAFD	MITCHELL, JOHN K.	DEPT. OF PUBLIC WORKS	(818)458-3537
21CAL-1	LOWELL, SUZANNE	CA WATER RES CONTROL BRD	(916)657-1830
112WRD	YORKE, TOM	US GEOLOGICAL SURVEY	(703)648-5687
21CAL-4	LOWELL, SUZANNE	CA WATER RES CONTROL BRD	(916)657-1830
11BIOACC	KRONER, STEVE	U.S. EPA MDSD	(202)260-4761
21CAL-2	LOWELL, SUZANNE	CA WATER RES CONTROL BRD	(916)657-1830

**QUANTITY OF DATA RETRIEVED FOR SAMO BY AGENCY CODE**  
**WITHIN THE ENTIRE STUDY AREA (S.A.) AND JUST WITHIN THE PARK**

Agency	Organization	Period of Record		Water Quality Stations		Longer Term <sup>1</sup> Stations		No Data Stations		Water Quality Observations		Water Quality Parameters	
		Study Area	Park Only	S.A.	Park	S.A.	Park	S.A.	Park	S.A.	Park	S.A.	Park
21CALAFD	DEPT. OF PUBLIC WORKS	07/05/67-12/12/91	08/04/71-12/05/91	39	21	6	4	24	13	30190	18979	116	116
21CAL-1	CA WATER RES CONTROL BRD	01/01/01-05/17/88	01/01/01-05/17/88	70	6	4	3	1	0	8532	3696	77	74
112WRD	US GEOLOGICAL SURVEY	10/18/66-09/02/93	12/01/81-08/05/88	40	22	11	7	2	2	9466	4300	203	125
21CAL-4	CA WATER RES CONTROL BRD	10/12/86-06/17/87	12/15/86-12/23/86	32	3	0	0	2	0	2390	211	176	139
11BIOACC	U.S. EPA MDSD	05/18/88-05/18/88	No Data in Park	1	0	0	0	0	0	32	0	16	0
21CAL-2	CA WATER RES CONTROL BRD	09/01/77-07/23/82	No Data in Park	2	0	0	0	0	0	33	0	17	0
Totals		01/01/01-09/02/93	01/01/01-12/05/91	184	52	21	14	29	15	50643	27186	424	324

<sup>1</sup>Station With At Least 6 Parameters Having An Average of 1 Or More Observations Per Year During a Period of Record Extending At Least 2 Years.

# Station Period of Record Tabulation From 01/01/01 To 09/02/93

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 09/02/93	01/01/75 to 12/31/84	Before 01/01/75
SAMO0001 <sup>1</sup>	LOS ANGELES RIVER AT TUJUNGA AVE	No	2252	0	669	1583
SAMO0002 <sup>1</sup>	LOS ANGELES RIVER TUJUNGA	No	6573	2132	2433	2008
SAMO0003	TUJUNGA WASH @ RADFORD AVENUE	No	186	0	51	135
SAMO0004	TUJUNGA WASH BELOW MOORPARK	No	116	0	40	76
SAMO0005	LOS ANGELES RIVER AT RADFORD AVE	No	118	0	40	78
SAMO0006	LOS ANGELES RIVER @ RADFORD AVE	No	184	0	51	133
SAMO0007	LOS ANGELES RIVER UPSTREAM OF TUJUNGA WASH	No	40	40	0	0
SAMO0008	TUJUNGA WASH/300 FT BELOW LAUREL CANYON BLVD.	No	119	119	0	0
SAMO0009	NORTH HOLLYWOOD FREEWAY CHANNEL AT HORTENSE ST.	No	0	0	0	0
SAMO0010	BALLONA CREEK @ PACIFIC AVENUE	No	0	0	0	0
SAMO0011	ALISO CREEK @ BLUM RANCH	No	0	0	0	0
SAMO0012	LOS ANGELES RIVER @ SEPULVEDA BL	No	0	0	0	0
SAMO0013	L.A. RIVER/BURBANK BLVD. BRIDGE	No	198	198	0	0
SAMO0014 <sup>1</sup>	KENTER CANYON DRAIN PICO	Yes	6305	2693	3536	76
SAMO0015 <sup>1</sup>	KENTER DRAIN AT PICO BLVD	Yes	582	0	526	56
SAMO0016	BULL CR/100 FT BELOW VICTORY BLVD.	No	192	192	0	0
SAMO0017	LOS ANGELES RIVER AT BALBOA BLVD.	No	40	40	0	0
SAMO0018 <sup>1</sup>	SANTA MONICA CANYON CHANNEL	No	4244	1697	2543	4
SAMO0019	SANTA MONICA CANYON CHANNEL/ABOVE PAC. COAST HWY	No	38	38	0	0
SAMO0020	SANTA MONICA CYN CHANNEL @ PCH	Yes	0	0	0	0
SAMO0021	CABALLERO CREEK @ LOS ANGELES RIVER	No	40	40	0	0
SAMO0022	CABALLERO CREEK @ VENTURA BLVD	No	0	0	0	0
SAMO0023	ALISO CANYON CR./CONFLUENCE W/L.A. RIVER	No	191	191	0	0
SAMO0024	LOS ANGELES RIVER AT WILBUR AVE.	No	40	40	0	0
SAMO0025	BROWN CR/ABOVE L.A. RIVER WITHIN CHANNEL	No	192	192	0	0
SAMO0026	TOPANGA CANYON CR/1000 FT ABOVE-PAC. COAST HIWAY	Yes	38	38	0	0
SAMO0027 <sup>1</sup>	TOPANGA CANYON CHANNEL PCH	Yes	1583	1583	0	0
SAMO0028 <sup>1</sup>	TOPANGA CYN CREEK F54B-R	Yes	4933	0	3639	1294
SAMO0029 <sup>1</sup>	TOPANGA C NR TOPANGA BCH CA	Yes	923	310	613	0
SAMO0030 <sup>1</sup>	TOPANGA C AB PACIFIC COAST HWY	Yes	1528	0	962	566
SAMO0031	L.A. RIVER/DESOTO AVE BRIDGE	No	191	191	0	0
SAMO0032 <sup>1</sup>	TUNA C NR TOPANGA BCH CA	Yes	531	239	292	0
SAMO0033	SANTA SUSAN PASS WASH/ABOVE BROWN CREEK	No	79	79	0	0
SAMO0034	BROWN CR/PARTHENIA ST. BRIDGE	No	78	78	0	0
SAMO0035	LOS ANGELES RIVER AT OWENSMOUTH AVE. 500 FT 01S	No	40	40	0	0
SAMO0036	BELL CR. IN CHANNEL JUST ABOVE L.A. RIVER	No	38	38	0	0
SAMO0037	ARROYO CALABASAS/ABOVE L.A. RIVER IN CHANNEL	No	38	38	0	0
SAMO0038	CALABASAS CREEK @ VANOWEN STREET	No	0	0	0	0
SAMO0039	SANTA SUSANA CK @ TOPANGA CYN BL	No	8	0	8	0
SAMO0040	SANTA SUSANA CREEK @ NORDHOFF ST	No	0	0	0	0
SAMO0041	BELL CREEK @ TOPANGA CANYON BLVD	No	8	0	8	0
SAMO0042	CALABASAS CREEK @ TOPANGA CYN BL	No	8	0	8	0
SAMO0043	CALABASAS CREEK @ SHOUP AVENUE	No	0	0	0	0
SAMO0044	BELL CREEK @ SHOUP AVENUE	No	0	0	0	0
SAMO0045	BELL CREEK/FALLBROOK AVE. BRIDGE	No	0	0	0	0
SAMO0046	BELL CANYON CREEK @ FALLBROOK	No	0	0	0	0
SAMO0047	DRY CANYON DEBRIS BASIN	Yes	0	0	0	0
SAMO0048	CHATSWORTH CREEK @ ROSCOE BLVD	No	0	0	0	0
SAMO0049	DAYTON CR/WOODLAKE AVE BRIDGE	No	38	38	0	0
SAMO0050	DAYTON CREEK @ WOODLAKE AVENUE	No	0	0	0	0
SAMO0051	LAS FLORES CANYON CREEK @ PCH	Yes	0	0	0	0
SAMO0052	BELL CR. ABOVE HIGHLANDER RD ABOUT 700 FT.	No	40	40	0	0
SAMO0053	CARBON CANYON CREEK @ PAC CST	Yes	0	0	0	0
SAMO0054 <sup>1</sup>	COLD CREEK NR STUNTS RANCH	Yes	247	55	192	0
SAMO0055 <sup>1</sup>	LOS ANGELES AQUED AT OUTLET AT SAN FERNANDO C	No	2974	0	753	2221
SAMO0056	UNNAMED TRIB TO SIMI C A SPRR CUL	No	19	0	0	19
SAMO0057	MOUTH OF MALIBU CREEK @ MALIBU	No	32	32	0	0
SAMO0058	MALIBU CREEK @ PACIFIC COAST HWY	Yes	0	0	0	0
SAMO0059	MALIBU LAGOON A MALIBU BCH CA	Yes	254	65	189	0
SAMO0060	MALIBU CREEK @ CROSS CREEK ROAD	Yes	135	135	0	0
SAMO0061 <sup>1</sup>	MALIBU CREEK CROSS CREEK ROAD	Yes	5839	1467	3428	944
SAMO0062 <sup>1</sup>	MALIBU CREEK AT PACIFIC COAST HWY	Yes	1458	37	907	514
SAMO0063	CHIVO C A CONFLUENCE / LAS LLAGAS	No	32	0	0	32
SAMO0064	ARROYO SIMI AB CON / CHIVO CREEK	No	69	0	0	69
SAMO0065	CHIVO CREEK AT BERNARD ST	No	5	0	0	5
SAMO0066	COLD C A PIUMA RD NR MONTE NIDO CA	Yes	111	111	0	0
SAMO0067	CHIVO CREEK AT HWY 118 BRIDGE	No	69	0	0	69
SAMO0068	MALIBU CREEK BELOW COLD CREEK	Yes	97	0	24	73
SAMO0069 <sup>1</sup>	MALIBU C AT CRATER CAMP NR CALABASAS CALIF	Yes	879	308	571	0
SAMO0070	MALIBU CREEK DNS COLD CREEK	Yes	63	0	48	15
SAMO0071	MALIBU CR/CROSSING ROAD FORD TO CRAG CAMP	Yes	38	38	0	0

# **Station Period of Record Tabulation From 01/01/01 To 09/02/93**

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 09/02/93	01/01/75 to 12/31/84	Before 01/01/75
SAMO0072	<a href="#">LAS VIRGENES CREEK @ MULHOLLAND</a>	Yes	0	0	0	0
SAMO0073	<a href="#">LAS VIRGENES C A MULHOLLAND RD NR BROWN RCH CA</a>	Yes	28	28	0	0
SAMO0074	<a href="#">W F OF TAPO C BL SULFUR SPRING</a>	No	8	0	0	8
SAMO0075	<a href="#">TAPO CREEK AT WALNUT AVE</a>	No	51	0	0	51
SAMO0076	<a href="#">TAPO CREEK AT TOWNSHIP RD</a>	No	46	0	0	46
SAMO0077	<a href="#">LAS VIRGENES CREEK @ MALIBU CR</a>	Yes	0	0	0	0
SAMO0078	<a href="#">ARROYO SIMI A ROYAL AVE</a>	No	1	0	0	1
SAMO0079	<a href="#">ARROYO SIMI ON ROYAL AVE S/SVHS</a>	No	41	0	0	41
SAMO0080	<a href="#">TAPO CREEK AT HWY 118</a>	No	52	0	0	52
SAMO0081	<a href="#">SOLSTICE CANYON CREEK @ PAC CST</a>	Yes	0	0	0	0
SAMO0082	<a href="#">ARROYO TAPO BELOW U.S. 118</a>	No	1	0	0	1
SAMO0083	<a href="#">MALIBU C BL MALIBU LK CA</a>	Yes	27	27	0	0
SAMO0084	<a href="#">MALIBU LK NR CORNELL CA</a>	Yes	148	0	148	0
SAMO0085	<a href="#">FERN C CA</a>	Yes	6	0	6	0
SAMO0086 <sup>1</sup>	<a href="#">LATIGO CREEK</a>	Yes	154	33	121	0
SAMO0087 <sup>1</sup>	<a href="#">MEDEA CREEK</a>	Yes	293	0	293	0
SAMO0088	<a href="#">MEDEA C A PARAMOUNT RCH NR CORNELL CA</a>	Yes	195	71	124	0
SAMO0089	<a href="#">ESCONDIDO CANYON CREEK @ PAC CST</a>	Yes	0	0	0	0
SAMO0090	<a href="#">LATIGO C A LATIGO CYN RD NR PT DUME CA</a>	Yes	67	67	0	0
SAMO0091	<a href="#">MEDEA C A KANAN RD NR SIMI PEAK CA</a>	No	31	31	0	0
SAMO0092 <sup>1</sup>	<a href="#">MALIBU C A CORNELL CA</a>	Yes	144	144	0	0
SAMO0093	<a href="#">TRIUNFO CRK AT MULHOLLAND HWY SITE 10</a>	Yes	0	0	0	0
SAMO0094	<a href="#">SAN JOSE CREEK @ GANESHA BLVD</a>	Yes	85	0	0	85
SAMO0095 <sup>1</sup>	<a href="#">ARROYO SIMI NR SIMI CA</a>	No	491	0	171	320
SAMO0096	<a href="#">ARROYO SIMI @ MADERA ROAD BRIDGE</a>	No	39	39	0	0
SAMO0097	<a href="#">ARROYO SIMI NEAR SIMI</a>	No	316	0	20	296
SAMO0098	<a href="#">ARROYO SIMI AT MADERA RD BRIDGE NR SIMI CA</a>	No	35	35	0	0
SAMO0099	<a href="#">SURFACE DR TO ARROYO SIMI A BR249</a>	No	9	0	0	9
SAMO0100	<a href="#">UNNAMED TRIB TO ARROYO SIMI E/OAK</a>	No	19	0	0	19
SAMO0101	<a href="#">DUME CREEK AT ZUMA BEACH</a>	Yes	132	132	0	0
SAMO0102	<a href="#">ARROYO SIMI UPST WWTP CA</a>	No	89	89	0	0
SAMO0103	<a href="#">SIMI VALLEY WWTP</a>	No	103	103	0	0
SAMO0104	<a href="#">ZUMA CANYON CREEK @ PAC CST HWY</a>	Yes	0	0	0	0
SAMO0105	<a href="#">ZUMA CANYON AT PACIFIC COAST HIGHWAY</a>	Yes	74	52	22	0
SAMO0106	<a href="#">ZUMA C A RAINSFORD PL NR MALIBU CA</a>	Yes	0	0	0	0
SAMO0107	<a href="#">MALIBU C A LINDERO RD NR WESTLAKE CA</a>	No	29	29	0	0
SAMO0108	<a href="#">TRANCAS CYN CREEK @ PAC CST HWY</a>	Yes	0	0	0	0
SAMO0109	<a href="#">ARROYO SIMI AT LOS ANGELES AVENUE CA</a>	No	20	20	0	0
SAMO0110	<a href="#">ARROYO SIMI A RR BR .5MI E/118</a>	No	51	0	0	51
SAMO0111	<a href="#">ARROYO SIMI AT MOORPARK</a>	No	18	0	17	1
SAMO0112	<a href="#">ARROYO SIMI S/O MOORPARK</a>	No	71	0	17	54
SAMO0113	<a href="#">ARROYO SIMI AT MOORPARK RD CA</a>	No	17	17	0	0
SAMO0114	<a href="#">CONEJO C A LYNN RH ON CALLE YUCCA</a>	No	89	0	0	89
SAMO0115	<a href="#">ARROYO CONEJO S BRANCH</a>	No	0	0	0	0
SAMO0116	<a href="#">ARROYO SANTA ROSA C A CAMAR RD BR</a>	No	17	0	0	17
SAMO0117	<a href="#">LAT AND LONG CALCULATED FROM TOWNSHIP AND RANGE</a>	No	16	0	16	0
SAMO0118	<a href="#">ARROYO SEQUIT @ MULHOLLAND HWY</a>	Yes	0	0	0	0
SAMO0119	<a href="#">ARROYO LAS POSAS A HITCH BLVD BR</a>	No	42	0	0	42
SAMO0120	<a href="#">ARROYO SIMI A HITCH RD CA</a>	No	100	100	0	0
SAMO0121	<a href="#">ARROYO LAS POSAS @ HITCH BLVD BRIDGE</a>	No	1	1	0	0
SAMO0122	<a href="#">S B OF ARROYO CONEJO C A HWY 101</a>	No	50	0	0	50
SAMO0123	<a href="#">CONEJO C 1MI US/ARROYO SANTA ROSA</a>	No	15	0	0	15
SAMO0124	<a href="#">ARROYO CONEJO A HILL CYN CA</a>	No	35	35	0	0
SAMO0125	<a href="#">CONEJO CR AT S. BDY OF U-03.F3</a>	No	32	0	0	32
SAMO0126	<a href="#">GRIMES CANYON CREEK AT HWY 118</a>	No	19	0	0	19
SAMO0127	<a href="#">ARROYO SEQUIT</a>	Yes	48	48	0	0
SAMO0128	<a href="#">ARROYO SEQUIT A CARRILLO ST BCH NR PT MUGU CA</a>	Yes	47	47	0	0
SAMO0129	<a href="#">ARROYO SEQUIT @ PACIFIC CST HWY</a>	Yes	0	0	0	0
SAMO0130	<a href="#">SESPE C A ROUTE 126 CA</a>	No	13	13	0	0
SAMO0131	<a href="#">LITTLE SYCAMORE CYN C A HWY 1 NR SOLROMAR CA</a>	Yes	90	46	44	0
SAMO0132	<a href="#">CONEJO C A ENTRANCE TO PLEASANT V</a>	No	67	0	0	67
SAMO0133	<a href="#">CONEJO C AB HWY 101 NR CAMARILLO</a>	No	17	0	16	1
SAMO0134	<a href="#">BUENA VISTA SPREADING BASIN</a>	Yes	39	0	39	0
SAMO0135	<a href="#">CONEJO C A ADOLFO RD CA</a>	No	35	35	0	0
SAMO0136	<a href="#">CONEJO CREEK AT HWY 101</a>	No	151	0	0	151
SAMO0137	<a href="#">COYOTE CN C A SPWY .15 MI NW/118</a>	No	19	0	0	19
SAMO0138 <sup>1</sup>	<a href="#">L SYCAMORE CR AT HWY 1</a>	No	157	54	103	0
SAMO0139	<a href="#">CONEJO CR. @ 800 FT V/S OF BRIDGE, 50 FT V/S STP</a>	No	39	39	0	0
SAMO0140	<a href="#">CONEJO C A PT/HILL .5MI E RANCHO</a>	No	18	0	0	18
SAMO0141	<a href="#">BIG SYCAMORE CREEK</a>	No	135	39	96	0
SAMO0142	<a href="#">BIG SYCAMORE CYN C NR POINT MUGU CA</a>	Yes	34	34	0	0

### Station Period of Record Tabulation From 01/01/01 To 09/02/93

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 09/02/93	01/01/75 to 12/31/84	Before 01/01/75
<a href="#">SAMO0143</a>	<a href="#">CALLEGAS CREEK ON HWY 101</a>	No	136	0	0	136
<a href="#">SAMO0144</a>	<a href="#">CALLEGUAS C A CALLEGUAS RD BR</a>	No	19	0	0	19
<a href="#">SAMO0145</a>	<a href="#">CALLEGUAS C A CAMARILLO STATE HOSP</a>	No	1	0	0	1
<a href="#">SAMO0146<sup>1</sup></a>	<a href="#">CALLEGUAS C A CAMARILLO STATE HOSPITAL CA</a>	No	886	0	434	452
<a href="#">SAMO0147</a>	<a href="#">CALLEGUAS C A CAMARILLO ST HOSPIT</a>	No	71	0	0	71
<a href="#">SAMO0148</a>	<a href="#">CALLEGUAS C A LEWIS RD CA</a>	No	6	6	0	0
<a href="#">SAMO0149</a>	<a href="#">LONG GRADE C JUST US FROM CALLEGU</a>	No	17	0	0	17
<a href="#">SAMO0150</a>	<a href="#">CALLEGUAS C LEWIS RD BR W/ ROUND</a>	No	35	0	0	35
<a href="#">SAMO0151</a>	<a href="#">CALLEGUAS CR. @ HUENEME-LEWIS ROADS BRIDGE</a>	No	135	135	0	0
<a href="#">SAMO0152</a>	<a href="#">BROWN BARRANCA HWY 118 BR A WELLS</a>	No	86	0	0	86
<a href="#">SAMO0153</a>	<a href="#">BEARDSLEY WASH A WALNUT AVE CA</a>	No	10	10	0	0
<a href="#">SAMO0154</a>	<a href="#">CALLEGUAS CREEK AT US 101 ALT</a>	No	19	0	0	19
<a href="#">SAMO0155</a>	<a href="#">DRAINAGE D 100 FT N/O IN/21W-28G1</a>	No	14	0	0	14
<a href="#">SAMO0156</a>	<a href="#">REVOLON SLU HUENEME RD .55MI E/WO</a>	No	126	0	0	126
<a href="#">SAMO0157</a>	<a href="#">CALLEGUAS C 100 FT AB OXN DR 2 D</a>	Yes	17	0	0	17
<a href="#">SAMO0158</a>	<a href="#">OXNARD DR 2 AB TGATE A MAIN RD</a>	No	17	0	0	17
<a href="#">SAMO0159</a>	<a href="#">MUGU LAGOON</a>	Yes	14	0	0	14
<a href="#">SAMO0160</a>	<a href="#">REVOLON SLOUGH AT WOOD RD</a>	No	17	0	0	17
<a href="#">SAMO0161</a>	<a href="#">REVOLON SLOUGH AT WOOD ROAD</a>	No	174	174	0	0
<a href="#">SAMO0162</a>	<a href="#">REVOLON SLOUGH AT LAGUNA RD</a>	No	13	0	0	13
<a href="#">SAMO0163</a>	<a href="#">UP MUGU LAGOON AB MN RD AB TGAGE</a>	No	13	0	0	13
<a href="#">SAMO0164</a>	<a href="#">REVOLON SLU A PLEASANT VLY RD</a>	No	18	0	0	18
<a href="#">SAMO0165</a>	<a href="#">REVOLON SLOUGH AT EAST FIFTH ST.</a>	No	40	40	0	0
<a href="#">SAMO0166</a>	<a href="#">CAMARILLO AIRPORT CHANNEL @ INLET TO REVOLON SL.</a>	No	40	40	0	0
<a href="#">SAMO0167</a>	<a href="#">REVOLON SLOUGH @ START OF LINED CHANNEL</a>	No	40	40	0	0
<a href="#">SAMO0168</a>	<a href="#">OXNARD DR 2 100FT S/ETTING RD</a>	No	17	0	0	17
<a href="#">SAMO0169</a>	<a href="#">OXNARD DR 2 HUENEME RD .3MI W/FWY</a>	No	18	0	0	18
<a href="#">SAMO0170</a>	<a href="#">OXNARD DR 2 HWY 101ALT .3MI SE/NA</a>	No	29	0	0	29
<a href="#">SAMO0171</a>	<a href="#">OXNARD DR 2 PRIV RD .5MI S HUENEM</a>	No	17	0	0	17
<a href="#">SAMO0172</a>	<a href="#">OXNARD DR 2 50FT S/LAGUNA RD</a>	No	17	0	0	17
<a href="#">SAMO0173</a>	<a href="#">OXNARD DR 2 PLEASANT V RD</a>	No	50	0	0	50
<a href="#">SAMO0174</a>	<a href="#">EL RIO CHANNEL @ REVOLON SLOUGH</a>	No	39	39	0	0
<a href="#">SAMO0175</a>	<a href="#">OXNARD DR 2 HUENEME RD .5MI W/101</a>	No	29	0	0	29
<a href="#">SAMO0176</a>	<a href="#">OXNARD DR 2 1MI S FIFTH ST</a>	No	17	0	0	17
<a href="#">SAMO0177</a>	<a href="#">SEEPAGE TO DITCH E/O CHASE</a>	No	29	0	0	29
<a href="#">SAMO0178</a>	<a href="#">OXNARD DR NO 2 630 FT S/O E FIFTH</a>	No	19	0	0	19
<a href="#">SAMO0179</a>	<a href="#">OXNARD DR 2 3650FT S/E FIFTH</a>	No	18	0	0	18
<a href="#">SAMO0180</a>	<a href="#">OXNARD DRAINAGE 3 TRIB AB NE D</a>	No	18	0	0	18
<a href="#">SAMO0181</a>	<a href="#">OXNARD DR 3 A TGATE 5000FT E/ARNO</a>	No	12	0	0	12
<a href="#">SAMO0182</a>	<a href="#">OXNARD DR 3 CASPER RD 1.5MI S HUE</a>	No	28	0	0	28
<a href="#">SAMO0183</a>	<a href="#">LAT AND LONG CALCULATED FROM TOWNSHIP AND RANGE</a>	No	17	0	17	0
<a href="#">SAMO0184</a>	<a href="#">OXNARD DR 3 ARNOLD RD 1.7MI S HUE</a>	No	16	0	0	16

<sup>1</sup>Longer Term Station With At Least 6 Parameters Having An Average of 1 Or More Observations Per Year During a Period of Record Extending At Least 2 Years.

**Parameter Period of Record Tabulation  
From 01/01/01 To 09/02/93**

Parameter Code	Name	Total Obs	01/01/85 to 09/02/93	01/01/75 to 12/31/84	Before 01/01/75	Stations	
						Total	Park
00004	STREAM WIDTH (FEET)	6	0	6	0	1	0
00009	X-SEC. LOC.(FT FROM LEFT BANK LOOKING DOWNSTRM)	1	1	0	0	1	0
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	764	55	394	315	62	24
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	1256	197	679	380	69	12
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	31	19	12	0	20	9
00025	BAROMETRIC PRESSURE (MM OF HG)	95	38	57	0	22	18
00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	646	63	277	306	101	26
00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	162	62	98	2	36	20
00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	68	0	0	68	68	5
00060	FLOW, STREAM, MEAN DAILY CFS	161	20	20	121	23	1
00061	FLOW, STREAM, INSTANTANEOUS CFS	341	56	119	166	81	20
00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION	19	0	15	4	2	0
00064	DEPTH OF STREAM, MEAN (FT)	37	0	22	15	3	2
00065	STAGE, STREAM (FEET)	30	0	3	27	12	2
00070	TURBIDITY, (JACKSON CANDLE UNITS)	32	0	21	11	1	0
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	12	0	0	12	1	0
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	8	1	4	3	8	3
00080	COLOR (PLATINUM-COBALT UNITS)	24	0	0	24	1	0
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	6	1	0	5	4	2
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	1683	258	849	576	115	33
00300	OXYGEN, DISSOLVED MG/L	1106	41	645	420	38	26
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	39	0	27	12	12	9
00310	BOD, 5 DAY, 20 DEG C MG/L	1149	98	684	367	18	10
00335	COD, .025N K2CR2O7 MG/L	289	0	153	136	4	3
00340	COD, .25N K2CR2O7 MG/L	688	2	511	175	6	3
00341	COD, DISSOLVED, .25N K2CR2O7 MG/L	9	9	0	0	9	1
00400	PH (STANDARD UNITS)	212	60	70	82	41	21
00403	PH, LAB, STANDARD UNITS SU	1533	251	804	478	107	32
00405	CARBON DIOXIDE (MG/L AS CO2)	21	0	21	0	11	9
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	556	51	177	328	99	24
00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	3	3	0	0	3	0
00440	BICARBONATE ION (MG/L AS HCO3)	906	211	501	194	20	7
00445	CARBONATE ION (MG/L AS CO3)	313	9	111	193	18	5
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	17	0	17	0	4	3
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	84	0	65	19	11	6
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	62	0	62	0	6	4
00547	RESIDUE, TOTAL NON-SETTLEABLE (MG/L)	65	0	45	20	9	5
00549	RESIDUE, VOLATILE NONSETTLEABLE (MG/L)	42	0	42	0	6	4
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	35	3	32	0	1	1
00552	OIL & GREASE (HEXANE EXTRACTION) TOTAL,REC.,MG/L	2	0	2	0	1	1
00602	NITROGEN, DISSOLVED (MG/L AS N)	1	0	1	0	1	1
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	19	8	9	2	4	1
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	1	0	1	0	1	1
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	506	211	262	33	18	7
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	722	1	392	329	15	7
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	26	4	1	21	6	2
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	445	195	248	2	8	5
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	267	1	150	116	9	5
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	880	197	498	185	10	5
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	15	14	1	0	9	1
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	56	0	21	35	1	0
00629	NITROGEN, ORGANIC KJELDAHL, TOTAL (MG/L AS N)	1	1	0	0	1	1
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	20	0	20	0	5	3
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	107	44	63	0	26	17
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	74	0	50	24	12	9
00665	PHOSPHORUS, TOTAL (MG/L AS P)	2	2	0	0	2	2
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	14	14	0	0	8	0
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	174	48	84	42	34	17
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	325	101	224	0	7	5
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	129	8	103	18	11	7
00900	HARDNESS, TOTAL (MG/L AS CACO3)	1392	221	620	551	95	25
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	50	8	30	12	15	12
00915	CALCIUM, DISSOLVED (MG/L AS CA)	618	50	198	370	93	24
00916	CALCIUM, TOTAL (MG/L AS CA)	838	202	455	181	10	6
00918	CALCIUM,TOTAL RECOVERABLE IN WATER AS CA MG/L	9	9	0	0	9	1
00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	9	9	0	0	9	1
00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	9	9	0	0	9	1
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	616	50	198	368	91	24
00927	MAGNESIUM, TOTAL (MG/L AS MG)	838	202	455	181	10	6
00929	SODIUM, TOTAL (MG/L AS NA)	838	202	455	181	10	6
00930	SODIUM, DISSOLVED (MG/L AS NA)	614	50	198	366	91	24

**Parameter Period of Record Tabulation  
From 01/01/01 To 09/02/93**

Parameter Code	Name	Total Obs	01/01/85 to 09/02/93	01/01/75 to 12/31/84	Before 01/01/75	Stations	
						Total	Park
00931	SODIUM ADSORPTION RATIO	144	9	52	83	16	13
00932	SODIUM, PERCENT	144	9	52	83	16	13
00935	POTASSIUM, DISSOLVED (MG/L AS K)	596	50	196	350	90	24
00937	POTASSIUM, TOTAL MG/L AS K)	837	202	454	181	10	6
00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	9	9	0	0	9	1
00940	CHLORIDE,TOTAL IN WATER MG/L	1117	264	583	270	51	26
00941	CHLORIDE, DISSOLVED IN WATER MG/L	461	1	166	294	67	5
00945	SULFATE, TOTAL (MG/L AS SO4)	1119	261	589	269	49	26
00946	SULFATE, DISSOLVED (MG/L AS SO4)	438	1	167	270	58	5
00950	FLUORIDE, DISSOLVED (MG/L AS F)	335	59	103	173	89	24
00951	FLUORIDE, TOTAL (MG/L AS F)	359	202	156	1	7	5
00955	SILICA, DISSOLVED (MG/L AS SI02)	281	51	84	146	71	22
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	4	4	0	0	4	0
00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	4	4	0	0	4	0
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	9	9	0	0	9	1
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	4	4	0	0	4	0
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	4	4	0	0	4	0
00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	4	4	0	0	4	0
00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	6	6	0	0	6	0
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	4	4	0	0	4	0
00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	9	9	0	0	9	1
01000	ARSENIC, DISSOLVED (UG/L AS AS)	59	23	13	23	16	8
01002	ARSENIC, TOTAL (UG/L AS AS)	398	229	135	34	40	27
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	9	0	9	0	4	3
01005	BARIUM, DISSOLVED (UG/L AS BA)	48	29	10	9	15	7
01007	BARIUM, TOTAL (UG/L AS BA)	412	184	208	20	19	10
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	4	4	0	0	4	0
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	10	2	0	8	3	1
01012	BERYLLIUM, TOTAL (UG/L AS BE)	2	2	0	0	2	0
01020	BORON, DISSOLVED (UG/L AS B)	359	49	102	208	87	23
01022	BORON, TOTAL (UG/L AS B)	288	196	92	0	7	5
01025	CADMIUM, DISSOLVED (UG/L AS CD)	44	20	13	11	13	8
01027	CADMIUM, TOTAL (UG/L AS CD)	512	226	265	21	39	26
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11	0	11	0	4	3
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	32	19	13	0	8	6
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	398	191	207	0	19	9
01034	CHROMIUM, TOTAL (UG/L AS CR)	503	226	256	21	39	26
01037	COBALT, TOTAL (UG/L AS CO)	2	2	0	0	2	0
01040	COPPER, DISSOLVED (UG/L AS CU)	44	20	13	11	13	8
01042	COPPER, TOTAL (UG/L AS CU)	510	227	262	21	40	26
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11	0	11	0	4	3
01045	IRON, TOTAL (UG/L AS FE)	604	202	381	21	23	14
01046	IRON, DISSOLVED (UG/L AS FE)	176	67	73	36	40	26
01049	LEAD, DISSOLVED (UG/L AS PB)	44	20	13	11	13	8
01051	LEAD, TOTAL (UG/L AS PB)	504	227	261	16	39	26
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	11	0	11	0	4	3
01055	MANGANESE, TOTAL (UG/L AS MN)	577	188	367	22	19	10
01056	MANGANESE, DISSOLVED (UG/L AS MN)	53	31	11	11	19	8
01059	THALLIUM, TOTAL (UG/L AS TL)	2	2	0	0	2	0
01065	NICKEL, DISSOLVED (UG/L AS NI)	36	19	17	0	12	9
01067	NICKEL, TOTAL (UG/L AS NI)	412	190	202	20	20	12
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	8	0	8	0	4	3
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	4	4	0	0	4	0
01075	SILVER, DISSOLVED (UG/L AS AG)	30	17	13	0	6	5
01077	SILVER, TOTAL (UG/L AS AG)	429	186	223	20	19	10
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	4	4	0	0	4	0
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	4	3	1	0	4	1
01090	ZINC, DISSOLVED (UG/L AS ZN)	43	19	13	11	12	7
01092	ZINC, TOTAL (UG/L AS ZN)	507	226	260	21	41	27
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	11	0	11	0	4	3
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	4	4	0	0	4	0
01097	ANTIMONY, TOTAL (UG/L AS SB)	6	6	0	0	6	0
01102	TIN, TOTAL (UG/L AS SN)	2	2	0	0	2	0
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	3	3	0	0	3	0
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	4	4	0	0	4	0
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	4	4	0	0	4	0
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	4	4	0	0	4	0
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	4	4	0	0	4	0
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	9	9	0	0	9	1
01132	LITHIUM, TOTAL (UG/L AS LI)	2	2	0	0	1	1
01145	SELENIUM, DISSOLVED (UG/L AS SE)	42	20	13	9	11	8

**Parameter Period of Record Tabulation  
From 01/01/01 To 09/02/93**

Parameter Code	Name	Total Obs	01/01/85 to 09/02/93	01/01/75 to 12/31/84	Before 01/01/75	Stations	
						Total	Park
01147	SELENIUM, TOTAL (UG/L AS SE)	363	222	119	22	39	26
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	11	0	11	0	4	3
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	3	0	3	0	3	3
01220	CHROMIUM, HEXAVALENT, DISSOLVED IN (UG/L AS CR)	33	18	13	2	9	6
01291	CYANIDE, FILTERABLE, TOTAL IN WATER UG/L	9	9	0	0	9	1
30154	DIBENZO(AH)ANTHRACENE, SOIL, RECOVERABLE, MG/KG	1	1	0	0	1	1
30344	PENTACHLORODIBENZO-P-DIOXIN,12378,FISH,WET WT,PG/G	2	2	0	0	1	0
30345	HEXACHLORODIBENZO-P-DIOXIN,123478,FISH,WET WT,PG/G	2	2	0	0	1	0
30346	HEXACHLORODIBENZO-P-DIOXIN,123678,FISH,WET WT,PG/G	2	2	0	0	1	0
30347	HEXACHLORODIBENZO-P-DIOXIN,123789,FISH,WET WT,PG/G	2	2	0	0	1	0
30348	HEPTACHLORODIBENZO-P-DIOXIN,1234678,TIS,WETWT,PG/G	2	2	0	0	1	0
30349	TETRACHLORODIBENZOFURAN, 2378- , FISH,WET WT.,PG/G	2	2	0	0	1	0
30350	PENTACHLORODIBENZOFURAN,12378- , FISH,WET WT.,PG/G	2	2	0	0	1	0
30351	PENTACHLORODIBENZOFURAN,23478- , FISH,WET WT.,PG/G	2	2	0	0	1	0
30352	HEXACHLORODIBENZOFURAN,123478- , FISH,WET WT.,PG/G	2	2	0	0	1	0
30353	HEXACHLORODIBENZOFURAN,123678- , FISH,WET WT.,PG/G	2	2	0	0	1	0
30354	HEXACHLORODIBENZOFURAN,123789- , FISH,WET WT.,PG/G	2	2	0	0	1	0
30355	HEXACHLORODIBENZOFURAN,234678- , FISH,WET WT.,PG/G	2	2	0	0	1	0
30356	HEPTACHLORODIBENZOFURAN,1234678- ,FISH,WET WT,PG/G	2	2	0	0	1	0
30357	HEPTACHLORODIBENZOFURAN,1234789- ,FISH,WET WT,PG/G	2	2	0	0	1	0
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	881	192	505	184	9	5
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	834	197	493	144	14	10
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	73	28	45	0	16	15
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	924	210	545	169	24	19
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	15	15	0	0	5	3
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	37	37	0	0	28	3
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	37	37	0	0	29	4
32104	BROMOFORM,WHOLE WATER,UG/L	36	36	0	0	28	3
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	36	36	0	0	28	3
32106	CHLOROFORM,WHOLE WATER,UG/L	37	37	0	0	28	3
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	27	8	9	10	3	1
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	36	36	0	0	28	3
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	37	37	0	0	29	4
34200	ACENAPHTHYLENE TOTWUG/L	9	9	0	0	9	1
34205	ACENAPHTHENE TOTWUG/L	9	9	0	0	9	1
34220	ANTHRACENE TOTWUG/L	9	9	0	0	9	1
34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	9	9	0	0	9	1
34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	9	9	0	0	9	1
34247	BENZO-A-PYRENE TOTWUG/L	9	9	0	0	9	1
34253	A-BHC-ALPHA DISSUG/L	92	92	0	0	6	4
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	9	9	0	0	9	1
34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	9	9	0	0	9	1
34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	9	9	0	0	9	1
34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	9	9	0	0	9	1
34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	9	9	0	0	9	1
34301	CHLOROBENZENE TOTWUG/L	36	36	0	0	28	3
34311	CHLOROETHANE TOTWUG/L	36	36	0	0	28	3
34320	CHRYSENE TOTWUG/L	9	9	0	0	9	1
34336	DIETHYL PHTHALATE TOTWUG/L	9	9	0	0	9	1
34341	DIMETHYL PHTHALATE TOTWUG/L	9	9	0	0	9	1
34351	ENDOSULFAN SULFATE TOTWUG/L	9	9	0	0	9	1
34352	ENDOSULFAN SULFATE DISSUG/L	70	70	0	0	6	4
34356	ENDOSULFAN, BETA TOTWUG/L	9	9	0	0	9	1
34357	ENDOSULFAN, BETA DISSUG/L	91	91	0	0	6	4
34361	ENDOSULFAN, ALPHA TOTWUG/L	9	9	0	0	9	1
34362	ENDOSULFAN, ALPHA DISSUG/L	91	91	0	0	6	4
34366	ENDRIN ALDEHYDE TOTWUG/L	9	9	0	0	9	1
34371	ETHYLBENZENE TOTWUG/L	36	36	0	0	28	3
34376	FLUORANTHENE TOTWUG/L	9	9	0	0	9	1
34381	FLUORENE TOTWUG/L	9	9	0	0	9	1
34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	9	9	0	0	9	1
34391	HEXACHLOROBUTADIENE TOTWUG/L	9	9	0	0	9	1
34396	HEXACHLOROETHANE TOTWUG/L	9	9	0	0	9	1
34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	9	9	0	0	9	1
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	3	3	0	0	1	1
34408	ISOPHORONE TOTWUG/L	9	9	0	0	9	1
34413	METHYL BROMIDE TOTWUG/L	36	36	0	0	28	3
34418	METHYL CHLORIDE TOTWUG/L	36	36	0	0	28	3
34423	METHYLENE CHLORIDE TOTWUG/L	37	37	0	0	28	3
34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	9	9	0	0	9	1
34433	N-NITROSODIPHENYLAMINE TOTWUG/L	9	9	0	0	9	1



**Parameter Period of Record Tabulation  
From 01/01/01 To 09/02/93**

Parameter Code	Name	Total Obs	01/01/85 to 09/02/93	01/01/75 to 12/31/84	Before 01/01/75	Stations	
						Total	Park
34447	NITROBENZENE TOTWUG/L	9	9	0	0	9	1
34452	PARACHLOROMETA CRESOL TOTWUG/L	9	9	0	0	9	1
34461	PHENANTHRENE TOTWUG/L	9	9	0	0	9	1
34469	PYRENE TOTWUG/L	9	9	0	0	9	1
34475	TETRACHLOROETHYLENE TOTWUG/L	37	37	0	0	28	3
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	36	36	0	0	28	3
34496	1,1-DICHLOROETHANE TOTWUG/L	36	36	0	0	28	3
34501	1,1-DICHLOROETHYLENE TOTWUG/L	37	37	0	0	29	4
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	36	36	0	0	28	3
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	36	36	0	0	28	3
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	36	36	0	0	28	3
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	9	9	0	0	9	1
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	9	9	0	0	9	1
34531	1,2-DICHLOROETHANE TOTWUG/L	37	37	0	0	29	4
34536	1,2-DICHLOROBENZENE TOTWUG/L	30	30	0	0	27	2
34541	1,2-DICHLOROPROPANE TOTWUG/L	36	36	0	0	28	3
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	36	36	0	0	28	3
34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	9	9	0	0	9	1
34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	9	9	0	0	9	1
34566	1,3-DICHLOROBENZENE TOTWUG/L	29	29	0	0	27	2
34571	1,4-DICHLOROBENZENE TOTWUG/L	33	33	0	0	28	3
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	36	36	0	0	28	3
34581	2-CHLORONAPHTHALENE TOTWUG/L	9	9	0	0	9	1
34586	2-CHLOROPHENOL TOTWUG/L	9	9	0	0	9	1
34591	2-NITROPHENOL TOTWUG/L	9	9	0	0	9	1
34596	DI-N-OCTYL PHTHALATE TOTWUG/L	9	9	0	0	9	1
34601	2,4-DICHLOROPHENOL TOTWUG/L	9	9	0	0	9	1
34606	2,4-DIMETHYLPHENOL TOTWUG/L	9	9	0	0	9	1
34611	2,4-DINITROTOLUENE TOTWUG/L	9	9	0	0	9	1
34616	2,4-DINITROPHENOL TOTWUG/L	9	9	0	0	9	1
34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	9	9	0	0	9	1
34626	2,6-DINITROTOLUENE TOTWUG/L	9	9	0	0	9	1
34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	9	9	0	0	9	1
34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	9	9	0	0	9	1
34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	9	9	0	0	9	1
34646	4-NITROPHENOL TOTWUG/L	9	9	0	0	9	1
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	9	9	0	0	9	1
34668	DICHLORODIFLUOROMETHANE TOTWUG/L	36	36	0	0	28	3
34671	PCB - 1016 TOTWUG/L	9	9	0	0	9	1
34672	PCB - 1016 DISSUG/L	91	91	0	0	6	4
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	18	18	0	0	9	1
34696	NAPHTHALENE TOTWUG/L	9	9	0	0	9	1
34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	36	36	0	0	28	3
34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	36	36	0	0	28	3
34754	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN TISWETWTPG/G	2	2	0	0	1	0
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	8	7	1	0	6	1
39024	PROPAGINE,COULSON CONDUCTIVITY,WATER SAMPL(UG/L)	41	14	27	0	16	14
39030	TREFLAN, MICROCOULOMETRIC.WATER SAMPLE (UG/L)	6	6	0	0	6	6
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	9	9	0	0	9	1
39036	ALKALINITY,FILTERED SAMPLE AS CaCO3 MG/L	16	11	5	0	12	2
39045	2,4,5-TP INCLUDES ACIDS & SALTS WATER SAMPL UG/L	7	7	0	0	7	0
39054	SIMETRYNE IN WHOLE WATER (UG/L)	41	14	27	0	16	14
39055	SIMAZINE IN WHOLE WATER (UG/L)	41	14	27	0	16	14
39056	PROMETONE IN WHOLE WATER (UG/L)	41	14	27	0	16	14
39057	PROMETRYNE IN WHOLE WATER (UG/L)	41	14	27	0	16	14
39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CaCO3,MG/L	9	9	0	0	7	0
39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	10	10	0	0	9	1
39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	9	9	0	0	9	1
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	9	9	0	0	9	1
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	37	37	0	0	29	4
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	37	37	0	0	29	4
39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	25	14	11	0	6	6
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	135	103	32	0	15	5
39305	O,P' DDT IN WHOLE WATER SAMPLE (UG/L)	32	0	32	0	1	1
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	135	103	32	0	15	5
39315	O,P' DDD IN WHOLE WATER SAMPLE (UG/L)	32	0	32	0	1	1
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	45	13	32	0	11	2
39327	ORTHO PARA DDE IN WHOLE WATER SAMPLE (UG/L)	32	0	32	0	1	1
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	154	103	41	10	20	8
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	25	14	11	0	6	6
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	9	9	0	0	9	1

**Parameter Period of Record Tabulation  
From 01/01/01 To 09/02/93**

Parameter Code	Name	Total Obs	01/01/85 to 09/02/93	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Park
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	101	101	0	0	15	5
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	73	11	45	17	21	7
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	25	14	11	0	6	6
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	25	14	11	0	6	6
39352	CHLORDANE(TECH MIX & METABS),DISSOLVED,UG/L	92	92	0	0	6	4
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	57	0	43	14	11	6
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	24	13	11	0	6	6
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	59	0	44	15	12	6
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	25	14	11	0	6	6
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	68	9	43	16	20	7
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	25	14	11	0	6	6
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	159	102	44	13	23	9
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	25	14	11	0	6	6
39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	52	2	40	10	7	4
39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	25	14	11	0	6	6
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	152	102	40	10	19	7
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	25	14	11	0	6	6
39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	29	15	14	0	13	12
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	101	83	8	10	10	6
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	25	14	11	0	6	6
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	153	102	40	11	20	7
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	25	14	11	0	6	6
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	160	102	44	14	24	9
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	25	14	11	0	6	6
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	23	12	11	0	6	6
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	100	100	0	0	15	5
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	100	100	0	0	15	5
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	120	102	8	10	19	7
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	100	100	0	0	15	5
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	120	102	8	10	19	7
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	100	100	0	0	15	5
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	25	14	11	0	6	6
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	28	15	13	0	13	12
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	28	15	13	0	13	12
39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	28	15	13	0	13	12
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	28	15	13	0	13	12
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	41	14	27	0	16	14
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	9	9	0	0	9	1
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	2	2	0	0	2	1
39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	25	14	11	0	6	6
39780	DICOFOL IN WHOLE WATER SAMPLE (UG/L)	18	0	8	10	6	3
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	155	94	45	16	15	9
39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	29	15	14	0	13	12
39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	29	15	14	0	13	12
45501	HYDROCARBON IN WATER, FREON EXT, CHROMAT, IR MG/L	183	183	0	0	6	4
46323	DELTA-BHC IN WHOLE WATER SMAPLE (UG/L)	92	92	0	0	6	4
70295	RESIDUE,TOTAL FILTRABLE (DRIED AT ANY TEMP),MG/L	42	0	42	0	4	3
70299	SOLIDS, SUSP. - RESIDUE ON EVAP. AT 180 C (MG/L)	7	0	1	6	7	1
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	901	251	523	127	88	27
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	411	9	148	254	28	20
70302	SOLIDS, DISSOLVED-TONS PER DAY	32	0	8	24	6	5
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	53	0	29	24	12	9
70304	SOLIDS, TOTAL DISSOLVED-COND. METER (MG/L)	9	9	0	0	9	1
70311	PH, CaCO3 STABILITY (STANDARD UNITS)	3	3	0	0	3	1
70326	SUS SED FALL DIA(NATIVEWATER)% FINER THAN .002MM	1	0	0	1	1	0
70327	SUS SED FALL DIA(NATIVEWATER)% FINER THAN .004MM	1	0	0	1	1	0
70328	SUS SED FALL DIA(NATIVEWATER)% FINER THAN .008MM	1	0	0	1	1	0
70329	SUS SED FALL DIA(NATIVEWATER)% FINER THAN .016MM	1	0	0	1	1	0
70330	SUS SED FALL DIA(NATIVEWATER)% FINER THAN .031MM	1	0	0	1	1	0
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	47	2	27	18	4	2
70332	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .125MM	36	0	20	16	2	0
70333	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .250MM	26	0	13	13	2	0
70334	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .500MM	21	0	10	11	2	0
70335	SUSPENDED SED SIEVE DIAMETER,% FINER THAN 1.00MM	11	0	7	4	2	0
70336	SUSPENDED SED SIEVE DIAMETER,% FINER THAN 2.00MM	4	0	3	1	2	0
70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	78	0	23	55	2	0
70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	88	0	33	55	2	0
70339	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .008MM	88	0	33	55	2	0
70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	88	0	33	55	2	0
70341	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .031MM	88	0	33	55	2	0
70342	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .062MM	52	0	13	39	2	0

# **Parameter Period of Record Tabulation** **From 01/01/01 To 09/02/93**

Parameter Code	Name	Total Obs	01/01/85 to 09/02/93	01/01/75 to 12/31/84	Before 01/01/75	Stations	
						Total	Park
70343	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .125MM	52	0	13	39	2	0
70344	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .250MM	50	0	12	38	2	0
70345	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .500MM	31	0	11	20	2	0
70346	SUS SED FALL DIA(DISTLD WATER)%FINER THAN 1.00MM	11	0	5	6	2	0
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	1002	188	634	180	11	8
70977	INSTRUMENT RATIO, LAB/FIELD CONCENTRATIONS, NUMBER	2	2	0	0	1	0
71830	HYDROXIDE ION (MG/L AS OH)	9	9	0	0	9	1
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	22	0	1	21	2	1
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	562	136	241	185	10	6
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	544	10	164	370	73	6
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	33	0	0	33	1	0
71865	IODIDE (MG/L AS I)	30	11	9	10	7	0
71870	BROMIDE (MG/L AS BR)	25	14	9	2	9	0
71890	MERCURY, DISSOLVED (UG/L AS HG)	40	17	13	10	9	6
71900	MERCURY, TOTAL (UG/L AS HG)	824	225	463	136	43	28
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	5	5	0	0	5	0
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	11	0	11	0	4	3
72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)	23	0	23	0	2	2
72005	SAMPLE SOURCE CODE (BM WELL DATA)	3	0	3	0	3	3
77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	36	36	0	0	28	3
77128	STYRENE WHOLE WATER,UG/L	36	36	0	0	28	3
77134	1,3-DIMETHYLBENZENE(M-XYLENE) WHOLE WATER,UG/L	13	13	0	0	13	2
77135	O-XYLENE WHOLE WATER,UG/L	12	12	0	0	12	2
77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	19	19	0	0	19	0
77825	ALACHLOR WHOLE WATER,UG/L	6	6	0	0	6	6
78135	DIMETHYLCYCLOPENTANE IN WHOLE WATER UG/L	1	1	0	0	1	0
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	108	9	42	57	8	6
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	98	0	42	56	2	0
80156	TOTAL SED DISCHARGE(SUSP PLUS BED LOAD)(TONS/DAY)	1	0	0	1	1	0
80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	5	0	2	3	2	0
80165	BED MATERIAL SIEVE DIAMETER,% FINER THAN .125MM	17	0	9	8	2	0
80166	BED MATERIAL SIEVE DIAMETER,% FINER THAN .250MM	18	0	9	9	2	0
80167	BED MATERIAL SIEVE DIAMETER,% FINER THAN .500MM	18	0	9	9	2	0
80168	BED MATERIAL SIEVE DIAMETER,% FINER THAN 1.00MM	18	0	9	9	2	0
80169	BED MATERIAL SIEVE DIAMETER,% FINER THAN 2.00MM	18	0	9	9	2	0
80170	BED MATERIAL SIEVE DIAMETER,% FINER THAN 4.00MM	13	0	6	7	2	0
80171	BED MATERIAL SIEVE DIAMETER,% FINER THAN 8.00MM	9	0	4	5	2	0
80172	BED MATERIAL SIEVE DIAMETER,% FINER THAN 16.0MM	6	0	2	4	2	0
80173	BED MATERIAL SIEVE DIAMETER,% FINER THAN 32.0MM	3	0	1	2	1	0
80174	BED MATERIAL SIEVE DIAMETER,% FINER THAN 64.0MM	1	0	1	0	1	0
80225	BEDLOAD SEDIMENT DISCHARGE (TONS/DAY)	6	0	6	0	1	0
80226	BEDLOAD SEDIMENT SIEVE DIAM, % FINER THAN .062MM	4	0	4	0	1	0
80227	BEDLOAD SEDIMENT SIEVE DIAM, % FINER THAN .125MM	6	0	6	0	1	0
80228	BEDLOAD SEDIMENT SIEVE DIAM, % FINER THAN .250MM	6	0	6	0	1	0
80229	BEDLOAD SEDIMENT SIEVE DIAM, % FINER THAN .500MM	6	0	6	0	1	0
80230	BEDLOAD SEDIMENT SIEVE DIAM, % FINER THAN 1.00MM	6	0	6	0	1	0
80231	BEDLOAD SEDIMENT SIEVE DIAM, % FINER THAN 2.00MM	6	0	6	0	1	0
80232	BEDLOAD SEDIMENT SIEVE DIAM, % FINER THAN 4.00MM	5	0	5	0	1	0
80233	BEDLOAD SEDIMENT SIEVE DIAM, % FINER THAN 8.00MM	1	0	1	0	1	0
81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	23	0	23	0	2	2
81552	ACETONE WHL WATER SMPL UG/L	3	3	0	0	3	0
81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	36	36	0	0	28	3
81596	METHYL-ISOBUTYL KETONE WHL WATER SMPL UG/L	36	36	0	0	28	3
81710	M-XYLENE IN THE WHOLE WATER SAMPLE MG/L	23	23	0	0	22	1
81711	O-XYLENE IN THE WHOLE WATER SAMPLE MG/L	23	23	0	0	22	1
81757	CYANAZINE IN THE WHOLE WATER SAMPLE UG/L	41	14	27	0	16	14
81886	PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	25	14	11	0	6	6
82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	16	16	0	0	10	0
82084	NITROGEN-15/NITROGEN-14 STABLE ISOTOPE RATIO/MIL	4	4	0	0	4	0
82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	16	16	0	0	10	0
82184	AMETRYNE (GESAPAX OR EVIK) TOTAL UG/L	41	14	27	0	16	14
82185	ATRATON (GESTAMIN) TOTAL UG/L	21	0	21	0	8	6
82187	CYPRAZINE TOTAL UG/L	21	0	21	0	8	6
82188	SIMETONE TOTAL UG/L	20	0	20	0	8	6
82398	SAMPLING METHOD (CODES)	69	48	21	0	25	15
82611	METRIBUZIN, WHOLE WATER, TOTAL RECOVERABLE UG/L	6	6	0	0	6	6
82612	METOLACHLOR, WHOLE WATER, TOTAL RECOVERABLE UG/L	6	6	0	0	6	6
84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	14	11	3	0	13	8
84001	AQUIFER NAME CODE (SEE USGS CATALOG)	14	11	3	0	13	8

# Station/Parameter Period of Record Tabulation From 01/01/01 To 09/02/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
SAMO0146	No	00004	STREAM WIDTH (FEET)	11/02/77-06/29/78	0	6	
SAMO0120	No	00009	X-SEC. LOC.(FT FROM LEFT BANK LOOKING DOWNSTRM)	05/23/90-05/23/90	0	1	
SAMO0001	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/05/67-10/01/71	4	18	
SAMO0002	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/05/67-10/07/81	14	144	
SAMO0003	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/28/74-02/03/75	0	3	
SAMO0006	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/28/74-02/03/75	0	2	
SAMO0014	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/18/74-11/16/79	5	42	
SAMO0018	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/27/77-11/16/79	1	19	
SAMO0028	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/07/71-11/16/79	7	105	
SAMO0029	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/02/82-08/03/88	6	15	
SAMO0032	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/01/82-08/03/88	6	15	
SAMO0039	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/02/78-03/02/78	0	1	
SAMO0041	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/02/78-03/02/78	0	1	
SAMO0042	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/02/78-03/02/78	0	1	
SAMO0054	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/18/82-02/01/86	3	7	
SAMO0055	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/17/67-08/30/76	8	100	
SAMO0059	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/01/82-08/04/88	6	5	
SAMO0061	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/07/71-11/16/79	7	93	
SAMO0064	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/27/56-01/27/56	0	1	
SAMO0066	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/17/87-08/03/88	0	2	
SAMO0067	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/27/56-01/27/56	0	1	
SAMO0069	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/02/82-08/02/88	6	16	
SAMO0073	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/04/88-08/04/88	0	1	
SAMO0083	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/88-08/05/88	0	1	
SAMO0084	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/02/82-07/14/83	1	5	
SAMO0085	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/23/82-02/23/82	0	1	
SAMO0086	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/10/82-02/17/86	3	4	
SAMO0087	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/01/82-08/29/84	2	10	
SAMO0088	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/18/82-08/02/88	6	5	
SAMO0090	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/17/86-07/23/86	0	2	
SAMO0091	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/88-08/05/88	0	1	
SAMO0092	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/25/85-12/17/87	2	3	
SAMO0095	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/20/69-03/21/78	9	26	
SAMO0097	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/27/56-01/27/56	0	1	
SAMO0098	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/93-09/02/93	0	1	
SAMO0102	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/90-08/31/93	3	3	
SAMO0103	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/90-08/31/93	3	3	
SAMO0105	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/83-03/10/86	2	2	
SAMO0107	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/88-08/05/88	0	1	
SAMO0109	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/93-09/02/93	0	1	
SAMO0110	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/27/56-01/27/56	0	1	
SAMO0113	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/01/93-09/01/93	0	1	
SAMO0114	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/27/53-02/27/53	0	1	
SAMO0116	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/27/56-01/27/56	0	1	
SAMO0120	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/90-09/01/93	3	3	
SAMO0124	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/10/90-07/10/90	0	1	
SAMO0127	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/13/86-02/13/86	0	1	
SAMO0128	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/13/86-02/13/86	0	1	
SAMO0131	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/17/82-02/13/86	3	2	
SAMO0132	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/27/56-01/27/56	0	1	
SAMO0134	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/10/78-03/04/78	0	5	
SAMO0135	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/10/90-07/10/90	0	1	
SAMO0138	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/23/82-02/13/86	3	5	
SAMO0141	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/01/83-03/10/86	3	3	
SAMO0142	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/10/86-03/10/86	0	1	
SAMO0143	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/27/56-01/27/56	0	1	
SAMO0146	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/20/69-06/29/78	9	65	
SAMO0148	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/11/90-07/11/90	0	1	
SAMO0149	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/27/56-01/27/56	0	1	
SAMO0150	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/27/56-01/27/56	0	1	
SAMO0152	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/16/57-12/16/57	0	1	
SAMO0153	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/23/90-07/23/90	0	1	
SAMO0156	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/27/53-01/27/56	2	2	
SAMO0175	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/27/53-02/27/53	0	1	
SAMO0001	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/06/68-08/07/78	10	100	
SAMO0002	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/05/67-05/16/91	23	236	T,A,S
SAMO0003	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/28/74-02/03/75	0	3	
SAMO0004	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/28/74-02/03/75	0	4	
SAMO0005	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/28/74-02/03/75	0	3	
SAMO0006	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/28/74-02/03/75	0	2	
SAMO0014	Yes	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/18/74-05/02/91	16	140	
SAMO0015	Yes	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/18/74-07/21/78	4	28	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

# Station/Parameter Period of Record Tabulation From 01/01/01 To 09/02/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
SAMO0018	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/27/77-05/02/91	13	114	
SAMO0027	Yes	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	05/11/88-05/02/91	2	39	
SAMO0028	Yes	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/07/71-03/21/84	12	155	A
SAMO0030	Yes	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-09/20/78	5	74	
SAMO0039	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	03/02/78-03/02/78	0	1	
SAMO0041	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	03/02/78-03/02/78	0	1	
SAMO0042	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	03/02/78-03/02/78	0	1	
SAMO0056	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	03/23/64-03/23/64	0	1	
SAMO0061	Yes	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/07/71-05/02/91	19	178	T,A
SAMO0062	Yes	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-05/17/88	15	70	
SAMO0063	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/16/52-04/16/52	0	1	
SAMO0064	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	02/09/62-02/19/62	0	2	
SAMO0065	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/08/52-04/08/52	0	1	
SAMO0067	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	02/19/62-09/02/62	0	2	
SAMO0068	Yes	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/28/74-02/03/75	0	5	
SAMO0075	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/08/52-04/08/52	0	1	
SAMO0079	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	02/19/62-12/24/71	9	3	
SAMO0080	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	02/09/62-02/09/62	0	2	
SAMO0097	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/08/52-08/17/77	25	12	
SAMO0099	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/08/52-04/16/52	0	2	
SAMO0100	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	03/23/64-03/23/64	0	1	
SAMO0101	Yes	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	05/11/88-02/09/89	0	4	
SAMO0110	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	02/19/62-11/29/70	8	2	
SAMO0111	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/12/79-04/12/79	0	1	
SAMO0112	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	02/04/58-04/12/79	21	3	
SAMO0114	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/08/52-04/16/52	0	2	
SAMO0119	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	02/09/62-12/24/71	9	4	
SAMO0122	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	02/09/62-02/09/62	0	1	
SAMO0125	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	02/25/74-03/05/74	0	2	
SAMO0126	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	02/19/62-02/19/62	0	1	
SAMO0132	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/31/67-03/05/74	7	3	
SAMO0133	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/29/78-06/29/78	0	1	
SAMO0134	Yes	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/10/78-03/04/78	0	5	
SAMO0136	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	02/06/52-12/24/71	19	5	
SAMO0137	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	02/09/62-02/09/62	0	1	
SAMO0140	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/22/58-04/22/58	0	1	
SAMO0143	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	02/04/58-11/29/70	12	2	
SAMO0144	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	02/09/62-02/09/62	0	1	
SAMO0147	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	03/07/52-04/08/58	6	2	
SAMO0150	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	02/14/61-02/14/61	0	1	
SAMO0152	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	11/19/59-11/20/63	4	3	
SAMO0154	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	02/16/62-02/16/62	0	1	
SAMO0156	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/08/52-12/24/71	19	6	
SAMO0157	Yes	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/12/61-09/12/61	0	1	
SAMO0158	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/12/61-09/12/61	0	1	
SAMO0159	Yes	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/07/71-06/07/71	0	1	
SAMO0160	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	02/14/61-02/14/61	0	1	
SAMO0162	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/08/52-04/08/52	0	1	
SAMO0163	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/12/61-09/12/61	0	1	
SAMO0164	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	02/14/61-02/14/61	0	1	
SAMO0169	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	02/14/61-02/14/61	0	1	
SAMO0170	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	08/04/52-08/04/52	0	1	
SAMO0173	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/06/52-02/14/61	8	3	
SAMO0175	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/06/52-06/06/52	0	1	
SAMO0177	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	02/14/61-02/14/61	0	2	
SAMO0178	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	03/03/61-03/03/61	0	1	
SAMO0179	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	03/03/61-03/03/61	0	1	
SAMO0180	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/12/61-09/12/61	0	1	
SAMO0181	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/12/61-09/12/61	0	1	
SAMO0183	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	08/31/81-07/23/82	0	2	
SAMO0184	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	11/17/60-11/17/60	0	1	
SAMO0029	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/30/84-07/24/84	0	2	
SAMO0032	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/30/84-07/24/84	0	2	
SAMO0054	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/30/84-07/24/84	0	3	
SAMO0069	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/30/84-06/26/84	0	2	
SAMO0087	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/31/84-07/24/84	0	2	
SAMO0088	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/24/84-07/24/84	0	1	
SAMO0098	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/02/93-09/02/93	0	1	
SAMO0102	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/23/90-08/31/93	3	3	
SAMO0103	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/23/90-08/31/93	3	3	
SAMO0109	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/02/93-09/02/93	0	1	
SAMO0113	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/01/93-09/01/93	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

# **Station/Parameter Period of Record Tabulation** **From 01/01/01 To 09/02/93**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
SAMO0120	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/23/90-09/01/93	3	2	
SAMO0124	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/10/90-07/10/90	0	1	
SAMO0127	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/13/86-02/13/86	0	1	
SAMO0128	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/13/86-02/13/86	0	1	
SAMO0131	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/13/86-02/13/86	0	1	
SAMO0135	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/10/90-07/10/90	0	1	
SAMO0138	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/13/86-02/13/86	0	1	
SAMO0148	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/11/90-07/11/90	0	1	
SAMO0153	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/23/90-07/23/90	0	1	
SAMO0029	Yes	00025	BAROMETRIC PRESSURE (MM OF HG)	01/02/82-08/03/88	6	15	
SAMO0032	Yes	00025	BAROMETRIC PRESSURE (MM OF HG)	01/01/82-08/03/88	6	14	
SAMO0054	Yes	00025	BAROMETRIC PRESSURE (MM OF HG)	03/18/82-02/01/86	3	7	
SAMO0059	Yes	00025	BAROMETRIC PRESSURE (MM OF HG)	03/18/82-08/04/88	6	3	
SAMO0066	Yes	00025	BAROMETRIC PRESSURE (MM OF HG)	12/17/87-08/03/88	0	2	
SAMO0069	Yes	00025	BAROMETRIC PRESSURE (MM OF HG)	01/02/82-08/02/88	6	15	
SAMO0073	Yes	00025	BAROMETRIC PRESSURE (MM OF HG)	08/04/88-08/04/88	0	1	
SAMO0084	Yes	00025	BAROMETRIC PRESSURE (MM OF HG)	01/02/82-07/14/83	1	4	
SAMO0086	Yes	00025	BAROMETRIC PRESSURE (MM OF HG)	03/02/83-02/17/86	2	2	
SAMO0087	Yes	00025	BAROMETRIC PRESSURE (MM OF HG)	01/01/82-08/29/84	2	9	
SAMO0088	Yes	00025	BAROMETRIC PRESSURE (MM OF HG)	03/18/82-08/02/88	6	5	
SAMO0090	Yes	00025	BAROMETRIC PRESSURE (MM OF HG)	02/17/86-07/23/86	0	2	
SAMO0091	No	00025	BAROMETRIC PRESSURE (MM OF HG)	08/05/88-08/05/88	0	1	
SAMO0092	Yes	00025	BAROMETRIC PRESSURE (MM OF HG)	11/25/85-12/17/87	2	3	
SAMO0105	Yes	00025	BAROMETRIC PRESSURE (MM OF HG)	03/10/86-03/10/86	0	1	
SAMO0107	No	00025	BAROMETRIC PRESSURE (MM OF HG)	08/05/88-08/05/88	0	1	
SAMO0127	Yes	00025	BAROMETRIC PRESSURE (MM OF HG)	02/13/86-02/13/86	0	1	
SAMO0128	Yes	00025	BAROMETRIC PRESSURE (MM OF HG)	02/13/86-02/13/86	0	1	
SAMO0131	Yes	00025	BAROMETRIC PRESSURE (MM OF HG)	03/17/82-02/13/86	3	2	
SAMO0138	No	00025	BAROMETRIC PRESSURE (MM OF HG)	03/17/82-02/13/86	3	3	
SAMO0141	No	00025	BAROMETRIC PRESSURE (MM OF HG)	03/01/83-03/10/86	3	2	
SAMO0142	Yes	00025	BAROMETRIC PRESSURE (MM OF HG)	03/10/86-03/10/86	0	1	
SAMO0001	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/22/51-08/07/78	26	129	
SAMO0004	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	10/28/74-02/03/75	0	5	
SAMO0005	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	10/28/74-02/03/75	0	5	
SAMO0015	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	07/18/74-07/21/78	4	30	
SAMO0029	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	12/01/81-08/03/88	6	18	
SAMO0030	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/05/72-09/20/78	6	82	
SAMO0032	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	01/01/82-08/03/88	6	15	
SAMO0054	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	03/18/82-02/01/86	3	7	
SAMO0055	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	11/21/74-09/27/76	1	23	
SAMO0056	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	03/23/64-03/23/64	0	1	
SAMO0059	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	12/01/81-08/04/88	6	7	
SAMO0062	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	01/16/52-05/17/88	36	77	
SAMO0063	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	04/16/52-12/02/52	0	2	
SAMO0064	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	01/27/56-04/02/65	9	4	
SAMO0066	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	12/17/87-08/03/88	0	2	
SAMO0067	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	01/27/56-04/02/65	9	4	
SAMO0068	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	10/28/74-02/03/75	0	5	
SAMO0069	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	12/01/81-08/02/88	6	18	
SAMO0073	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/04/88-08/04/88	0	1	
SAMO0075	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	12/12/51-01/07/53	1	3	
SAMO0076	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	03/07/52-12/02/52	0	3	
SAMO0079	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	02/19/62-12/24/71	9	3	
SAMO0080	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	02/09/62-04/02/65	3	3	
SAMO0083	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/05/88-08/05/88	0	1	
SAMO0084	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	01/02/82-07/14/83	1	5	
SAMO0085	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	02/23/82-02/23/82	0	1	
SAMO0086	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	11/10/82-02/17/86	3	4	
SAMO0087	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	01/01/82-08/29/84	2	10	
SAMO0088	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	03/18/82-08/02/88	6	5	
SAMO0090	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	02/17/86-07/23/86	0	2	
SAMO0091	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/05/88-08/05/88	0	1	
SAMO0092	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	11/25/85-12/17/87	2	3	
SAMO0097	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	03/07/52-08/17/77	25	18	
SAMO0098	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/02/93-09/02/93	0	1	
SAMO0100	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	03/23/64-03/23/64	0	1	
SAMO0102	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	05/23/90-08/31/93	3	3	
SAMO0103	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	05/23/90-08/31/93	3	3	
SAMO0105	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	07/12/83-03/10/86	2	2	
SAMO0107	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/05/88-08/05/88	0	1	
SAMO0109	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/02/93-09/02/93	0	1	
SAMO0110	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	01/27/56-11/29/70	14	3	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

# Station/Parameter Period of Record Tabulation From 01/01/01 To 09/02/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
SAMO0111	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	04/12/79-04/12/79	0	1	
SAMO0112	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	01/13/57-04/12/79	22	4	
SAMO0113	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/01/93-09/01/93	0	1	
SAMO0114	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	04/16/52-02/27/53	0	5	
SAMO0116	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	01/27/56-01/27/56	0	1	
SAMO0117	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/26/78-09/26/78	0	1	
SAMO0119	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	02/09/62-12/24/71	9	4	
SAMO0120	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	05/23/90-09/01/93	3	3	
SAMO0122	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	01/27/56-04/02/65	9	3	
SAMO0123	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	06/06/52-06/06/52	0	1	
SAMO0124	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	07/10/90-07/10/90	0	1	
SAMO0125	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	02/25/74-03/05/74	0	2	
SAMO0126	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	02/19/62-02/19/62	0	1	
SAMO0127	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	02/13/86-03/10/86	0	2	
SAMO0128	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	02/13/86-02/13/86	0	1	
SAMO0130	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/30/91-08/18/93	1	4	
SAMO0131	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	03/17/82-02/13/86	3	2	
SAMO0132	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	01/27/56-03/05/74	18	4	
SAMO0133	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	06/29/78-06/29/78	0	1	
SAMO0135	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	07/10/90-07/10/90	0	1	
SAMO0136	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	02/06/52-12/24/71	19	10	
SAMO0137	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	02/09/62-02/09/62	0	1	
SAMO0138	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	02/23/82-03/10/86	4	7	
SAMO0140	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	04/22/58-04/22/58	0	1	
SAMO0141	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	03/01/83-03/10/86	3	3	
SAMO0142	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	03/10/86-03/10/86	0	1	
SAMO0143	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	01/15/52-11/29/70	18	9	
SAMO0144	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	02/09/62-02/09/62	0	1	
SAMO0147	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	01/07/52-04/08/58	6	4	
SAMO0148	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	07/11/90-07/11/90	0	1	
SAMO0149	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	01/27/56-01/27/56	0	1	
SAMO0150	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	01/27/56-02/14/61	5	2	
SAMO0152	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	01/26/56-11/20/63	7	4	
SAMO0153	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	07/23/90-07/23/90	0	1	
SAMO0154	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	02/16/62-02/16/62	0	1	
SAMO0155	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	04/07/53-04/07/53	0	1	
SAMO0156	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	04/08/52-12/24/71	19	9	
SAMO0157	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/12/61-09/12/61	0	1	
SAMO0158	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/12/61-09/12/61	0	1	
SAMO0159	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	06/07/71-06/07/71	0	1	
SAMO0160	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	02/14/61-02/14/61	0	1	
SAMO0162	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	04/08/52-04/08/52	0	1	
SAMO0163	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/12/61-09/12/61	0	1	
SAMO0164	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	02/14/61-02/14/61	0	1	
SAMO0168	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	03/03/61-03/03/61	0	1	
SAMO0169	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	02/14/61-02/14/61	0	1	
SAMO0170	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/04/52-01/14/53	0	2	
SAMO0171	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	03/03/61-03/03/61	0	1	
SAMO0172	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	03/03/61-03/03/61	0	1	
SAMO0173	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	06/06/52-02/14/61	8	3	
SAMO0175	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	06/06/52-02/27/53	0	2	
SAMO0176	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	03/03/61-03/03/61	0	1	
SAMO0177	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	02/14/61-02/14/61	0	2	
SAMO0178	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	03/03/61-03/03/61	0	1	
SAMO0179	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	03/03/61-03/03/61	0	1	
SAMO0180	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/12/61-09/12/61	0	1	
SAMO0181	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/12/61-09/12/61	0	1	
SAMO0182	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	06/06/52-01/14/53	0	2	
SAMO0183	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/01/77-07/23/82	4	6	
SAMO0184	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	11/17/60-11/17/60	0	1	
SAMO0029	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	12/01/81-08/03/88	6	18	
SAMO0032	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	01/01/82-08/03/88	6	15	
SAMO0054	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	03/18/82-02/01/86	3	7	
SAMO0055	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	11/21/74-09/27/76	1	23	
SAMO0059	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	12/01/81-08/04/88	6	7	
SAMO0066	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	12/17/87-08/03/88	0	2	
SAMO0069	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	12/01/81-08/02/88	6	18	
SAMO0073	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/04/88-08/04/88	0	1	
SAMO0083	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/05/88-08/05/88	0	1	
SAMO0084	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	01/02/82-07/14/83	1	5	
SAMO0085	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	02/23/82-02/23/82	0	1	
SAMO0086	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	11/10/82-02/17/86	3	4	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

# Station/Parameter Period of Record Tabulation From 01/01/01 To 09/02/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
SAMO0087	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	01/01/82-08/29/84	2	10	
SAMO0088	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	03/18/82-08/02/88	6	5	
SAMO0090	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	02/17/86-07/23/86	0	2	
SAMO0091	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/05/88-08/05/88	0	1	
SAMO0092	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	11/25/85-12/17/87	2	3	
SAMO0098	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/02/93-09/02/93	0	1	
SAMO0102	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	05/23/90-08/31/93	3	3	
SAMO0103	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	05/23/90-08/31/93	3	3	
SAMO0105	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	07/12/83-03/10/86	2	2	
SAMO0107	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/05/88-08/05/88	0	1	
SAMO0109	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/02/93-09/02/93	0	1	
SAMO0113	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/01/93-09/01/93	0	1	
SAMO0120	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	05/23/90-09/01/93	3	3	
SAMO0124	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	07/10/90-07/10/90	0	1	
SAMO0127	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	02/13/86-03/10/86	0	2	
SAMO0128	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	02/13/86-02/13/86	0	1	
SAMO0130	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/30/91-08/18/93	1	4	
SAMO0131	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	03/17/82-02/13/86	3	2	
SAMO0135	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	07/10/90-07/10/90	0	1	
SAMO0138	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	02/23/82-03/10/86	4	7	
SAMO0141	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	03/01/83-03/10/86	3	3	
SAMO0142	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	03/10/86-03/10/86	0	1	
SAMO0148	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	07/11/90-07/11/90	0	1	
SAMO0153	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	07/23/90-07/23/90	0	1	
SAMO0001	No	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	01/01/01-01/01/01	0	1	
SAMO0004	No	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	01/01/01-01/01/01	0	1	
SAMO0005	No	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	01/01/01-01/01/01	0	1	
SAMO0015	Yes	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	01/01/01-01/01/01	0	1	
SAMO0030	Yes	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	01/01/01-01/01/01	0	1	
SAMO0056	No	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	01/01/01-01/01/01	0	1	
SAMO0062	Yes	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	01/01/01-01/01/01	0	1	
SAMO0063	No	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	01/01/01-01/01/01	0	1	
SAMO0064	No	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	01/01/01-01/01/01	0	1	
SAMO0065	No	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	01/01/01-01/01/01	0	1	
SAMO0067	No	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	01/01/01-01/01/01	0	1	
SAMO0068	Yes	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	01/01/01-01/01/01	0	1	
SAMO0074	No	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	01/01/01-01/01/01	0	1	
SAMO0075	No	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	01/01/01-01/01/01	0	1	
SAMO0076	No	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	01/01/01-01/01/01	0	1	
SAMO0078	No	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	01/01/01-01/01/01	0	1	
SAMO0079	No	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	01/01/01-01/01/01	0	1	
SAMO0080	No	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	01/01/01-01/01/01	0	1	
SAMO0082	No	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	01/01/01-01/01/01	0	1	
SAMO0097	No	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	01/01/01-01/01/01	0	1	
SAMO0099	No	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	01/01/01-01/01/01	0	1	
SAMO0100	No	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	01/01/01-01/01/01	0	1	
SAMO0110	No	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	01/01/01-01/01/01	0	1	
SAMO0111	No	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	01/01/01-01/01/01	0	1	
SAMO0112	No	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	01/01/01-01/01/01	0	1	
SAMO0114	No	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	01/01/01-01/01/01	0	1	
SAMO0116	No	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	01/01/01-01/01/01	0	1	
SAMO0119	No	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	01/01/01-01/01/01	0	1	
SAMO0122	No	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	01/01/01-01/01/01	0	1	
SAMO0123	No	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	01/01/01-01/01/01	0	1	
SAMO0125	No	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	01/01/01-01/01/01	0	1	
SAMO0126	No	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	01/01/01-01/01/01	0	1	
SAMO0132	No	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	01/01/01-01/01/01	0	1	
SAMO0133	No	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	01/01/01-01/01/01	0	1	
SAMO0136	No	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	01/01/01-01/01/01	0	1	
SAMO0137	No	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	01/01/01-01/01/01	0	1	
SAMO0140	No	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	01/01/01-01/01/01	0	1	
SAMO0143	No	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	01/01/01-01/01/01	0	1	
SAMO0144	No	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	01/01/01-01/01/01	0	1	
SAMO0145	No	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	01/01/01-01/01/01	0	1	
SAMO0147	No	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	01/01/01-01/01/01	0	1	
SAMO0149	No	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	01/01/01-01/01/01	0	1	
SAMO0150	No	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	01/01/01-01/01/01	0	1	
SAMO0152	No	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	01/01/01-01/01/01	0	1	
SAMO0154	No	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	01/01/01-01/01/01	0	1	
SAMO0155	No	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	01/01/01-01/01/01	0	1	
SAMO0156	No	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	01/01/01-01/01/01	0	1	
SAMO0157	Yes	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	01/01/01-01/01/01	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot



# **Station/Parameter Period of Record Tabulation** **From 01/01/01 To 09/02/93**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
SAMO0158	No	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	01/01/01-01/01/01	0	1	
SAMO0160	No	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	01/01/01-01/01/01	0	1	
SAMO0162	No	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	01/01/01-01/01/01	0	1	
SAMO0163	No	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	01/01/01-01/01/01	0	1	
SAMO0164	No	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	01/01/01-01/01/01	0	1	
SAMO0168	No	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	01/01/01-01/01/01	0	1	
SAMO0169	No	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	01/01/01-01/01/01	0	1	
SAMO0170	No	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	01/01/01-01/01/01	0	1	
SAMO0171	No	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	01/01/01-01/01/01	0	1	
SAMO0172	No	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	01/01/01-01/01/01	0	1	
SAMO0173	No	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	01/01/01-01/01/01	0	1	
SAMO0175	No	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	01/01/01-01/01/01	0	1	
SAMO0176	No	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	01/01/01-01/01/01	0	1	
SAMO0177	No	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	01/01/01-01/01/01	0	1	
SAMO0178	No	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	01/01/01-01/01/01	0	1	
SAMO0179	No	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	01/01/01-01/01/01	0	1	
SAMO0180	No	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	01/01/01-01/01/01	0	1	
SAMO0181	No	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	01/01/01-01/01/01	0	1	
SAMO0182	No	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	01/01/01-01/01/01	0	1	
SAMO0184	No	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	01/01/01-01/01/01	0	1	
SAMO0007	No	00060	FLOW, STREAM, MEAN DAILY CFS	03/24/87-03/24/87	0	1	
SAMO0013	No	00060	FLOW, STREAM, MEAN DAILY CFS	03/24/87-03/24/87	0	1	
SAMO0016	No	00060	FLOW, STREAM, MEAN DAILY CFS	04/09/87-04/09/87	0	1	
SAMO0017	No	00060	FLOW, STREAM, MEAN DAILY CFS	03/24/87-03/24/87	0	1	
SAMO0021	No	00060	FLOW, STREAM, MEAN DAILY CFS	05/19/87-05/19/87	0	1	
SAMO0023	No	00060	FLOW, STREAM, MEAN DAILY CFS	04/09/87-04/09/87	0	1	
SAMO0024	No	00060	FLOW, STREAM, MEAN DAILY CFS	03/24/87-03/24/87	0	1	
SAMO0025	No	00060	FLOW, STREAM, MEAN DAILY CFS	04/14/87-04/14/87	0	1	
SAMO0031	No	00060	FLOW, STREAM, MEAN DAILY CFS	03/24/87-03/24/87	0	1	
SAMO0033	No	00060	FLOW, STREAM, MEAN DAILY CFS	04/14/87-04/14/87	0	1	
SAMO0034	No	00060	FLOW, STREAM, MEAN DAILY CFS	04/14/87-04/14/87	0	1	
SAMO0035	No	00060	FLOW, STREAM, MEAN DAILY CFS	03/24/87-03/24/87	0	1	
SAMO0052	No	00060	FLOW, STREAM, MEAN DAILY CFS	04/14/87-04/14/87	0	1	
SAMO0055	No	00060	FLOW, STREAM, MEAN DAILY CFS	11/15/66-09/27/76	9	107	
SAMO0060	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	12/15/86-12/15/86	0	1	
SAMO0095	No	00060	FLOW, STREAM, MEAN DAILY CFS	09/23/68-08/03/71	2	16	
SAMO0096	No	00060	FLOW, STREAM, MEAN DAILY CFS	01/08/87-01/08/87	0	1	
SAMO0121	No	00060	FLOW, STREAM, MEAN DAILY CFS	01/29/87-01/29/87	0	1	
SAMO0146	No	00060	FLOW, STREAM, MEAN DAILY CFS	01/20/69-08/02/71	2	18	
SAMO0161	No	00060	FLOW, STREAM, MEAN DAILY CFS	04/14/87-04/14/87	0	1	
SAMO0165	No	00060	FLOW, STREAM, MEAN DAILY CFS	04/14/87-04/14/87	0	1	
SAMO0166	No	00060	FLOW, STREAM, MEAN DAILY CFS	06/17/87-06/17/87	0	1	
SAMO0167	No	00060	FLOW, STREAM, MEAN DAILY CFS	06/17/87-06/17/87	0	1	
SAMO0001	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/02/65-04/02/65	0	1	
SAMO0002	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/28/74-03/16/77	2	4	
SAMO0028	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	01/06/73-02/12/78	5	16	
SAMO0029	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	01/02/82-08/03/88	6	13	
SAMO0032	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	01/01/82-08/03/88	6	14	
SAMO0054	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	07/27/82-02/01/86	3	6	
SAMO0056	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/23/64-03/23/64	0	1	
SAMO0059	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/18/82-03/18/82	0	1	
SAMO0062	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	01/16/52-05/17/88	36	2	
SAMO0063	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/16/52-12/02/52	0	2	
SAMO0064	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	01/27/56-04/02/65	9	4	
SAMO0065	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/08/52-04/08/52	0	1	
SAMO0066	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	12/17/87-08/03/88	0	2	
SAMO0067	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	01/27/56-04/02/65	9	4	
SAMO0069	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	01/02/82-08/02/88	6	12	
SAMO0070	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	01/04/74-03/04/78	4	18	
SAMO0073	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/04/88-08/04/88	0	1	
SAMO0074	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/08/52-03/08/52	0	1	
SAMO0075	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	12/12/51-01/07/53	1	4	
SAMO0076	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/07/52-12/02/52	0	3	
SAMO0079	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	02/19/62-12/24/71	9	3	
SAMO0080	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	02/09/62-04/02/65	3	3	
SAMO0083	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/05/88-08/05/88	0	1	
SAMO0087	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	01/01/82-08/29/84	2	7	
SAMO0088	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	07/13/83-08/02/88	5	4	
SAMO0090	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	02/17/86-07/23/86	0	2	
SAMO0091	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/05/88-08/05/88	0	1	
SAMO0092	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/06/87-12/17/87	0	2	
SAMO0095	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	12/22/71-03/21/78	6	26	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation  
From 01/01/01 To 09/02/93**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
SAMO0097	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/07/52-08/17/77	25	14	
SAMO0098	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/02/93-09/02/93	0	1	
SAMO0099	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/08/52-04/16/52	0	2	
SAMO0100	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/23/64-03/23/64	0	1	
SAMO0102	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	05/23/90-08/31/93	3	3	
SAMO0103	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	05/23/90-08/31/93	3	3	
SAMO0105	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	07/12/83-03/10/86	2	2	
SAMO0107	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/05/88-08/05/88	0	1	
SAMO0109	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/02/93-09/02/93	0	1	
SAMO0110	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	02/19/62-02/19/62	0	1	
SAMO0112	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	01/13/57-02/04/58	1	2	
SAMO0113	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/01/93-09/01/93	0	1	
SAMO0114	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/19/52-02/27/53	0	7	
SAMO0116	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	01/27/56-01/27/56	0	1	
SAMO0119	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	02/09/62-12/24/71	9	3	
SAMO0120	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	05/23/90-09/01/93	3	3	
SAMO0122	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	01/27/56-04/02/65	9	3	
SAMO0123	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	06/06/52-06/06/52	0	1	
SAMO0124	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	07/10/90-07/10/90	0	1	
SAMO0125	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	02/25/74-03/05/74	0	2	
SAMO0126	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	02/19/62-02/19/62	0	1	
SAMO0127	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	02/13/86-02/13/86	0	1	
SAMO0128	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	02/13/86-02/13/86	0	1	
SAMO0130	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/30/91-10/23/91	0	3	
SAMO0131	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/17/82-02/13/86	3	2	
SAMO0132	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	01/27/56-03/05/74	18	4	
SAMO0133	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	06/29/78-06/29/78	0	1	
SAMO0135	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	07/10/90-07/10/90	0	1	
SAMO0136	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/07/52-12/24/71	19	9	
SAMO0137	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	02/09/62-02/09/62	0	1	
SAMO0138	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	02/23/82-02/13/86	3	2	
SAMO0141	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	07/12/83-03/10/86	2	2	
SAMO0142	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/10/86-03/10/86	0	1	
SAMO0143	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/07/52-11/29/70	18	8	
SAMO0144	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	02/09/62-02/09/62	0	1	
SAMO0146	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	12/22/71-06/29/78	6	57	
SAMO0147	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	01/07/52-03/15/52	0	4	
SAMO0148	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	07/11/90-07/11/90	0	1	
SAMO0149	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	01/27/56-01/27/56	0	1	
SAMO0150	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	01/27/56-02/14/61	5	2	
SAMO0152	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	01/26/56-11/20/63	7	4	
SAMO0153	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	07/23/90-07/23/90	0	1	
SAMO0154	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	02/16/62-02/16/62	0	1	
SAMO0155	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/07/53-04/07/53	0	1	
SAMO0156	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	01/14/53-12/24/71	18	8	
SAMO0160	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	02/14/61-02/14/61	0	1	
SAMO0169	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	02/14/61-02/14/61	0	1	
SAMO0170	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/04/52-01/14/53	0	2	
SAMO0173	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	06/06/52-02/14/61	8	3	
SAMO0175	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	06/06/52-02/27/53	0	2	
SAMO0178	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/03/61-03/03/61	0	1	
SAMO0182	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	01/14/53-01/14/53	0	1	
SAMO0095	No	00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION	08/03/71-09/30/75	4	3	
SAMO0146	No	00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION	08/02/71-09/20/78	7	16	
SAMO0002	No	00064	DEPTH OF STREAM, MEAN (FT)	10/28/74-10/28/74	0	1	
SAMO0028	Yes	00064	DEPTH OF STREAM, MEAN (FT)	01/06/73-02/12/78	5	17	
SAMO0070	Yes	00064	DEPTH OF STREAM, MEAN (FT)	01/04/74-03/04/78	4	19	
SAMO0001	No	00065	STAGE, STREAM (FEET)	04/02/65-04/02/65	0	1	
SAMO0029	Yes	00065	STAGE, STREAM (FEET)	07/13/83-07/13/83	0	1	
SAMO0069	Yes	00065	STAGE, STREAM (FEET)	07/13/83-07/13/83	0	1	
SAMO0075	No	00065	STAGE, STREAM (FEET)	04/16/52-01/07/53	0	2	
SAMO0076	No	00065	STAGE, STREAM (FEET)	03/07/52-03/15/52	0	2	
SAMO0079	No	00065	STAGE, STREAM (FEET)	11/29/70-11/29/70	0	1	
SAMO0097	No	00065	STAGE, STREAM (FEET)	01/13/57-08/17/77	20	12	
SAMO0112	No	00065	STAGE, STREAM (FEET)	01/13/57-11/29/70	13	3	
SAMO0136	No	00065	STAGE, STREAM (FEET)	11/29/70-11/29/70	0	1	
SAMO0143	No	00065	STAGE, STREAM (FEET)	01/27/56-11/29/70	14	3	
SAMO0147	No	00065	STAGE, STREAM (FEET)	03/15/52-04/08/58	6	2	
SAMO0163	No	00065	STAGE, STREAM (FEET)	09/12/61-09/12/61	0	1	
SAMO0055	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/15/73-09/27/76	2	32	
SAMO0055	No	00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	10/26/70-09/21/71	0	12	
SAMO0059	Yes	00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/01/82-01/01/82	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

# Station/Parameter Period of Record Tabulation From 01/01/01 To 09/02/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
SAMO0062	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/17/88-05/17/88	0	1	
SAMO0084	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/02/82-01/02/82	0	1	
SAMO0097	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/31/67-01/31/67	0	1	
SAMO0111	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/12/79-04/12/79	0	1	
SAMO0112	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/12/79-04/12/79	0	1	
SAMO0132	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/31/67-01/31/67	0	1	
SAMO0136	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/31/67-01/31/67	0	1	
SAMO0055	No	00080	COLOR (PLATINUM-COBALT UNITS)	10/26/70-09/19/72	1	24	
SAMO0062	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/17/88-05/17/88	0	1	
SAMO0125	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/25/74-03/05/74	0	2	
SAMO0132	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/25/74-03/05/74	0	2	
SAMO0159	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/07/71-06/07/71	0	1	
SAMO0001	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/51-08/07/78	26	130	T,S
SAMO0002	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/05/67-05/16/91	23	256	T,A,S
SAMO0003	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/74-02/03/75	1	4	
SAMO0004	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/28/74-02/03/75	0	3	
SAMO0005	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/28/74-02/03/75	0	3	
SAMO0006	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/74-02/03/75	1	4	
SAMO0014	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/18/74-05/02/91	16	150	
SAMO0015	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/18/74-07/21/78	4	29	
SAMO0018	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/27/77-05/02/91	13	122	
SAMO0027	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/11/88-05/02/91	2	39	
SAMO0028	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/04/71-03/21/84	12	189	A
SAMO0029	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/02/82-08/03/88	6	15	
SAMO0030	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/05/72-09/20/78	6	77	
SAMO0032	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/01/82-08/03/88	6	15	
SAMO0039	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/06/78-03/02/78	0	3	
SAMO0041	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/06/78-03/02/78	0	3	
SAMO0042	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/06/78-03/02/78	0	3	
SAMO0054	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/18/82-02/01/86	3	7	
SAMO0055	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/18/66-09/27/76	9	102	
SAMO0056	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/23/64-03/23/64	0	1	
SAMO0059	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/01/82-08/04/88	6	5	
SAMO0061	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/04/71-05/02/91	19	192	T,A
SAMO0062	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/16/52-05/17/88	36	75	S
SAMO0063	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/16/52-12/02/52	0	2	
SAMO0064	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/27/56-04/02/65	9	4	
SAMO0066	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/17/87-08/03/88	0	2	
SAMO0067	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/27/56-04/02/65	9	4	
SAMO0068	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/28/74-02/03/75	0	3	
SAMO0069	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/02/82-08/02/88	6	16	
SAMO0070	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/74-03/04/78	4	19	
SAMO0073	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/04/88-08/04/88	0	1	
SAMO0074	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/08/52-03/08/52	0	1	
SAMO0075	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/12/51-01/07/53	1	3	
SAMO0076	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/07/52-12/02/52	0	3	
SAMO0079	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/19/62-11/29/70	8	2	
SAMO0080	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/09/62-04/02/65	3	2	
SAMO0083	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/05/88-08/05/88	0	1	
SAMO0084	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/02/82-07/14/83	1	5	
SAMO0085	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/23/82-02/23/82	0	1	
SAMO0086	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/10/82-02/17/86	3	4	
SAMO0087	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/01/82-08/29/84	2	10	
SAMO0088	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/29/84-08/02/88	3	2	
SAMO0090	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/17/86-07/23/86	0	2	
SAMO0091	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/05/88-08/05/88	0	1	
SAMO0092	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/25/85-12/17/87	2	3	
SAMO0094	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/01/73-01/04/74	0	2	
SAMO0097	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/07/52-08/17/77	25	18	
SAMO0098	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/93-09/02/93	0	1	
SAMO0100	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/23/64-03/23/64	0	1	
SAMO0101	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/11/88-02/09/89	0	4	
SAMO0102	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/23/90-08/31/93	3	3	
SAMO0103	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/23/90-08/31/93	3	3	
SAMO0105	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/83-03/10/86	2	2	
SAMO0107	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/05/88-08/05/88	0	1	
SAMO0109	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/93-09/02/93	0	1	
SAMO0110	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/27/56-11/29/70	14	3	
SAMO0111	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/12/79-04/12/79	0	1	
SAMO0112	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/13/57-04/12/79	22	4	
SAMO0113	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/01/93-09/01/93	0	1	
SAMO0114	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/19/52-02/27/53	0	6	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

# **Station/Parameter Period of Record Tabulation** **From 01/01/01 To 09/02/93**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
SAMO0116	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/27/56-01/27/56	0	1	
SAMO0117	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/26/78-09/26/78	0	1	
SAMO0119	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/09/62-02/19/62	0	2	
SAMO0120	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/23/90-09/01/93	3	3	
SAMO0122	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/27/56-04/02/65	9	3	
SAMO0123	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/06/52-06/06/52	0	1	
SAMO0124	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/10/90-07/10/90	0	1	
SAMO0125	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/25/74-02/25/74	0	1	
SAMO0126	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/19/62-02/19/62	0	1	
SAMO0127	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/13/86-02/13/86	0	1	
SAMO0128	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/13/86-02/13/86	0	1	
SAMO0131	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/17/82-02/13/86	3	2	
SAMO0132	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/27/56-02/25/74	18	3	
SAMO0133	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/29/78-06/29/78	0	1	
SAMO0134	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/27/77-03/04/78	0	6	
SAMO0135	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/10/90-07/10/90	0	1	
SAMO0136	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/06/52-11/29/70	18	9	
SAMO0137	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/09/62-02/09/62	0	1	
SAMO0138	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/23/82-02/13/86	3	5	
SAMO0140	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/22/58-04/22/58	0	1	
SAMO0141	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/01/83-03/10/86	3	3	
SAMO0142	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/10/86-03/10/86	0	1	
SAMO0143	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/15/52-11/29/70	18	9	
SAMO0144	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/09/62-02/09/62	0	1	
SAMO0147	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/07/52-04/08/58	6	5	
SAMO0148	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/11/90-07/11/90	0	1	
SAMO0149	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/27/56-01/27/56	0	1	
SAMO0150	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/27/56-02/14/61	5	2	
SAMO0152	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/26/56-11/20/63	7	5	
SAMO0153	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/23/90-07/23/90	0	1	
SAMO0154	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/16/62-02/16/62	0	1	
SAMO0155	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/07/53-04/07/53	0	1	
SAMO0156	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/08/52-11/29/70	18	8	
SAMO0157	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/12/61-09/12/61	0	1	
SAMO0158	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/12/61-09/12/61	0	1	
SAMO0160	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/14/61-02/14/61	0	1	
SAMO0162	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/08/52-04/08/52	0	1	
SAMO0163	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/12/61-09/12/61	0	1	
SAMO0164	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/14/61-02/14/61	0	1	
SAMO0168	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/03/61-03/03/61	0	1	
SAMO0169	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/14/61-02/14/61	0	1	
SAMO0170	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/04/52-01/14/53	0	2	
SAMO0171	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/03/61-03/03/61	0	1	
SAMO0172	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/03/61-03/03/61	0	1	
SAMO0173	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/06/52-02/14/61	8	3	
SAMO0175	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/06/52-02/27/53	0	2	
SAMO0176	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/03/61-03/03/61	0	1	
SAMO0177	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/14/61-02/14/61	0	2	
SAMO0178	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/03/61-03/03/61	0	1	
SAMO0179	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/03/61-03/03/61	0	1	
SAMO0180	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/12/61-09/12/61	0	1	
SAMO0181	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/12/61-09/12/61	0	1	
SAMO0182	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/06/52-01/14/53	0	2	
SAMO0183	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/01/77-06/13/78	0	3	
SAMO0184	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/17/60-11/17/60	0	1	
SAMO0001	No	00300	OXYGEN, DISSOLVED MG/L	08/03/67-08/07/78	11	125	
SAMO0002	No	00300	OXYGEN, DISSOLVED MG/L	08/03/67-05/09/84	16	189	A
SAMO0003	No	00300	OXYGEN, DISSOLVED MG/L	01/04/74-02/03/75	1	4	
SAMO0004	No	00300	OXYGEN, DISSOLVED MG/L	10/28/74-02/03/75	0	3	
SAMO0005	No	00300	OXYGEN, DISSOLVED MG/L	10/28/74-02/03/75	0	3	
SAMO0006	No	00300	OXYGEN, DISSOLVED MG/L	01/04/74-02/03/75	1	4	
SAMO0014	Yes	00300	OXYGEN, DISSOLVED MG/L	07/18/74-07/17/85	10	73	
SAMO0015	Yes	00300	OXYGEN, DISSOLVED MG/L	07/18/74-07/21/78	4	21	
SAMO0018	No	00300	OXYGEN, DISSOLVED MG/L	12/04/74-07/09/85	10	54	
SAMO0028	Yes	00300	OXYGEN, DISSOLVED MG/L	08/04/71-03/21/84	12	146	A
SAMO0029	Yes	00300	OXYGEN, DISSOLVED MG/L	01/02/82-08/03/88	6	15	
SAMO0030	Yes	00300	OXYGEN, DISSOLVED MG/L	09/05/72-09/20/78	6	74	
SAMO0032	Yes	00300	OXYGEN, DISSOLVED MG/L	01/01/82-08/03/88	6	14	
SAMO0054	Yes	00300	OXYGEN, DISSOLVED MG/L	03/18/82-02/01/86	3	7	
SAMO0055	No	00300	OXYGEN, DISSOLVED MG/L	10/17/67-08/30/76	8	102	
SAMO0059	Yes	00300	OXYGEN, DISSOLVED MG/L	01/01/82-08/04/88	6	4	
SAMO0061	Yes	00300	OXYGEN, DISSOLVED MG/L	08/04/71-03/21/84	12	134	A

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 01/01/01 To 09/02/93**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
SAMO0062	Yes	00300	OXYGEN, DISSOLVED MG/L	09/05/72-05/17/88	15	69	
SAMO0066	Yes	00300	OXYGEN, DISSOLVED MG/L	12/17/87-08/03/88	0	2	
SAMO0068	Yes	00300	OXYGEN, DISSOLVED MG/L	10/28/74-02/03/75	0	3	
SAMO0069	Yes	00300	OXYGEN, DISSOLVED MG/L	01/02/82-08/02/88	6	15	
SAMO0073	Yes	00300	OXYGEN, DISSOLVED MG/L	08/04/88-08/04/88	0	1	
SAMO0084	Yes	00300	OXYGEN, DISSOLVED MG/L	01/02/82-07/14/83	1	4	
SAMO0086	Yes	00300	OXYGEN, DISSOLVED MG/L	03/02/83-02/17/86	2	3	
SAMO0087	Yes	00300	OXYGEN, DISSOLVED MG/L	01/01/82-08/29/84	2	9	
SAMO0088	Yes	00300	OXYGEN, DISSOLVED MG/L	03/18/82-08/02/88	6	5	
SAMO0090	Yes	00300	OXYGEN, DISSOLVED MG/L	02/17/86-07/23/86	0	2	
SAMO0091	No	00300	OXYGEN, DISSOLVED MG/L	08/05/88-08/05/88	0	1	
SAMO0092	Yes	00300	OXYGEN, DISSOLVED MG/L	11/25/85-12/17/87	2	3	
SAMO0094	Yes	00300	OXYGEN, DISSOLVED MG/L	12/01/73-01/04/74	0	2	
SAMO0105	Yes	00300	OXYGEN, DISSOLVED MG/L	07/12/83-03/10/86	2	2	
SAMO0107	No	00300	OXYGEN, DISSOLVED MG/L	08/05/88-08/05/88	0	1	
SAMO0127	Yes	00300	OXYGEN, DISSOLVED MG/L	02/13/86-02/13/86	0	1	
SAMO0128	Yes	00300	OXYGEN, DISSOLVED MG/L	02/13/86-02/13/86	0	1	
SAMO0131	Yes	00300	OXYGEN, DISSOLVED MG/L	03/17/82-02/13/86	3	2	
SAMO0138	No	00300	OXYGEN, DISSOLVED MG/L	03/17/82-02/13/86	3	4	
SAMO0141	No	00300	OXYGEN, DISSOLVED MG/L	03/01/83-03/10/86	3	3	
SAMO0142	Yes	00300	OXYGEN, DISSOLVED MG/L	03/10/86-03/10/86	0	1	
SAMO0029	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/02/82-03/02/83	1	4	
SAMO0032	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/01/82-07/28/82	0	3	
SAMO0054	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/18/82-07/27/82	0	2	
SAMO0055	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/16/72-09/17/73	0	12	
SAMO0059	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/18/82-07/28/82	0	2	
SAMO0069	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/02/82-03/01/83	1	4	
SAMO0084	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/02/82-07/27/82	0	3	
SAMO0087	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/01/82-03/01/83	1	4	
SAMO0088	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/18/82-03/18/82	0	1	
SAMO0131	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/17/82-03/17/82	0	1	
SAMO0138	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/17/82-03/01/83	0	2	
SAMO0141	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/01/83-03/01/83	0	1	
SAMO0001	No	00310	BOD, 5 DAY, 20 DEG C MG/L	07/05/67-08/07/78	11	124	
SAMO0002	No	00310	BOD, 5 DAY, 20 DEG C MG/L	07/05/67-04/17/91	23	202	T,A,S
SAMO0003	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/74-02/03/75	1	4	
SAMO0004	No	00310	BOD, 5 DAY, 20 DEG C MG/L	10/28/74-02/03/75	0	3	
SAMO0005	No	00310	BOD, 5 DAY, 20 DEG C MG/L	10/28/74-02/03/75	0	3	
SAMO0006	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/74-02/03/75	1	4	
SAMO0014	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	07/18/74-05/02/91	16	139	
SAMO0015	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	07/18/74-07/21/78	4	25	
SAMO0018	No	00310	BOD, 5 DAY, 20 DEG C MG/L	12/27/77-04/03/91	13	93	
SAMO0027	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	07/15/88-04/03/91	2	15	
SAMO0028	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	08/04/71-03/21/84	12	166	A
SAMO0030	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	10/04/72-09/20/78	5	73	
SAMO0055	No	00310	BOD, 5 DAY, 20 DEG C MG/L	10/26/70-09/27/76	5	56	
SAMO0061	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	08/04/71-04/03/91	19	165	T,A
SAMO0062	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	10/04/72-05/17/88	15	71	
SAMO0068	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	10/28/74-02/03/75	0	3	
SAMO0094	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	12/01/73-01/04/74	0	2	
SAMO0101	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	02/09/89-02/09/89	0	1	
SAMO0001	No	00335	COD, .025N K2CR2O7 MG/L	07/05/67-08/07/78	11	123	
SAMO0015	Yes	00335	COD, .025N K2CR2O7 MG/L	07/18/74-07/21/78	4	27	
SAMO0030	Yes	00335	COD, .025N K2CR2O7 MG/L	10/04/72-09/20/78	5	70	
SAMO0062	Yes	00335	COD, .025N K2CR2O7 MG/L	10/04/72-09/20/78	5	69	
SAMO0002	No	00340	COD, .25N K2CR2O7 MG/L	07/05/67-05/09/84	16	188	A
SAMO0014	Yes	00340	COD, .25N K2CR2O7 MG/L	07/18/74-12/16/87	13	101	
SAMO0018	No	00340	COD, .25N K2CR2O7 MG/L	12/27/77-03/21/84	6	76	
SAMO0028	Yes	00340	COD, .25N K2CR2O7 MG/L	08/04/71-03/21/84	12	154	A
SAMO0055	No	00340	COD, .25N K2CR2O7 MG/L	10/15/73-09/24/75	1	19	
SAMO0061	Yes	00340	COD, .25N K2CR2O7 MG/L	08/04/71-03/21/84	12	150	A
SAMO0008	No	00341	COD, DISSOLVED, .25N K2CR2O7 MG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	00341	COD, DISSOLVED, .25N K2CR2O7 MG/L	10/17/86-10/17/86	0	1	
SAMO0016	No	00341	COD, DISSOLVED, .25N K2CR2O7 MG/L	11/03/86-11/03/86	0	1	
SAMO0023	No	00341	COD, DISSOLVED, .25N K2CR2O7 MG/L	11/03/86-11/03/86	0	1	
SAMO0025	No	00341	COD, DISSOLVED, .25N K2CR2O7 MG/L	11/20/86-11/20/86	0	1	
SAMO0031	No	00341	COD, DISSOLVED, .25N K2CR2O7 MG/L	11/20/86-11/20/86	0	1	
SAMO0060	Yes	00341	COD, DISSOLVED, .25N K2CR2O7 MG/L	12/15/86-12/15/86	0	1	
SAMO0151	No	00341	COD, DISSOLVED, .25N K2CR2O7 MG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	00341	COD, DISSOLVED, .25N K2CR2O7 MG/L	12/11/86-12/11/86	0	1	
SAMO0001	No	00400	PH (STANDARD UNITS)	02/05/75-02/05/75	0	1	
SAMO0008	No	00400	PH (STANDARD UNITS)	10/31/86-10/31/86	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 01/01/01 To 09/02/93**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
SAMO0013	No	00400	PH (STANDARD UNITS)	10/17/86-10/17/86	0	1	
SAMO0016	No	00400	PH (STANDARD UNITS)	11/03/86-11/03/86	0	1	
SAMO0023	No	00400	PH (STANDARD UNITS)	11/03/86-11/03/86	0	1	
SAMO0025	No	00400	PH (STANDARD UNITS)	11/20/86-11/20/86	0	1	
SAMO0029	Yes	00400	PH (STANDARD UNITS)	01/02/82-08/03/88	6	14	
SAMO0030	Yes	00400	PH (STANDARD UNITS)	11/18/76-11/18/76	0	1	
SAMO0031	No	00400	PH (STANDARD UNITS)	11/20/86-11/20/86	0	1	
SAMO0032	Yes	00400	PH (STANDARD UNITS)	01/01/82-08/03/88	6	13	
SAMO0054	Yes	00400	PH (STANDARD UNITS)	03/18/82-02/01/86	3	6	
SAMO0055	No	00400	PH (STANDARD UNITS)	10/18/66-08/30/76	9	94	
SAMO0059	Yes	00400	PH (STANDARD UNITS)	01/01/82-08/04/88	6	3	
SAMO0062	Yes	00400	PH (STANDARD UNITS)	05/17/88-05/17/88	0	1	
SAMO0066	Yes	00400	PH (STANDARD UNITS)	12/17/87-08/03/88	0	2	
SAMO0069	Yes	00400	PH (STANDARD UNITS)	01/02/82-08/02/88	6	14	
SAMO0073	Yes	00400	PH (STANDARD UNITS)	08/04/88-08/04/88	0	1	
SAMO0083	Yes	00400	PH (STANDARD UNITS)	08/05/88-08/05/88	0	1	
SAMO0084	Yes	00400	PH (STANDARD UNITS)	01/02/82-07/14/83	1	3	
SAMO0086	Yes	00400	PH (STANDARD UNITS)	11/10/82-02/17/86	3	4	
SAMO0087	Yes	00400	PH (STANDARD UNITS)	01/01/82-08/29/84	2	8	
SAMO0088	Yes	00400	PH (STANDARD UNITS)	03/18/82-08/02/88	6	5	
SAMO0090	Yes	00400	PH (STANDARD UNITS)	02/17/86-07/23/86	0	2	
SAMO0091	No	00400	PH (STANDARD UNITS)	08/05/88-08/05/88	0	1	
SAMO0092	Yes	00400	PH (STANDARD UNITS)	11/25/85-12/17/87	2	3	
SAMO0098	No	00400	PH (STANDARD UNITS)	09/02/93-09/02/93	0	1	
SAMO0102	No	00400	PH (STANDARD UNITS)	05/23/90-08/31/93	3	3	
SAMO0103	No	00400	PH (STANDARD UNITS)	05/23/90-08/31/93	3	3	
SAMO0105	Yes	00400	PH (STANDARD UNITS)	07/12/83-03/10/86	2	2	
SAMO0107	No	00400	PH (STANDARD UNITS)	08/05/88-08/05/88	0	1	
SAMO0109	No	00400	PH (STANDARD UNITS)	09/02/93-09/02/93	0	1	
SAMO0113	No	00400	PH (STANDARD UNITS)	09/01/93-09/01/93	0	1	
SAMO0120	No	00400	PH (STANDARD UNITS)	05/23/90-09/01/93	3	3	
SAMO0124	No	00400	PH (STANDARD UNITS)	07/10/90-07/10/90	0	1	
SAMO0127	Yes	00400	PH (STANDARD UNITS)	02/13/86-02/13/86	0	1	
SAMO0128	Yes	00400	PH (STANDARD UNITS)	02/13/86-02/13/86	0	1	
SAMO0131	Yes	00400	PH (STANDARD UNITS)	03/17/82-02/13/86	3	2	
SAMO0135	No	00400	PH (STANDARD UNITS)	07/10/90-07/10/90	0	1	
SAMO0138	No	00400	PH (STANDARD UNITS)	03/17/82-02/13/86	3	4	
SAMO0141	No	00400	PH (STANDARD UNITS)	03/01/83-03/10/86	3	3	
SAMO0142	Yes	00400	PH (STANDARD UNITS)	03/10/86-03/10/86	0	1	
SAMO0001	No	00403	PH, LAB, STANDARD UNITS SU	08/22/51-08/07/78	26	129	T,S
SAMO0002	No	00403	PH, LAB, STANDARD UNITS SU	07/05/67-05/16/91	23	251	T,A,S
SAMO0003	No	00403	PH, LAB, STANDARD UNITS SU	01/04/74-02/03/75	1	4	
SAMO0004	No	00403	PH, LAB, STANDARD UNITS SU	10/28/74-02/03/75	0	3	
SAMO0005	No	00403	PH, LAB, STANDARD UNITS SU	10/28/74-02/03/75	0	3	
SAMO0006	No	00403	PH, LAB, STANDARD UNITS SU	01/04/74-02/03/75	1	4	
SAMO0014	Yes	00403	PH, LAB, STANDARD UNITS SU	07/18/74-05/02/91	16	148	
SAMO0015	Yes	00403	PH, LAB, STANDARD UNITS SU	07/18/74-07/21/78	4	29	
SAMO0018	No	00403	PH, LAB, STANDARD UNITS SU	12/27/77-05/02/91	13	122	
SAMO0027	Yes	00403	PH, LAB, STANDARD UNITS SU	05/11/88-05/02/91	2	39	
SAMO0028	Yes	00403	PH, LAB, STANDARD UNITS SU	08/04/71-03/21/84	12	175	A
SAMO0029	Yes	00403	PH, LAB, STANDARD UNITS SU	01/02/82-08/03/88	6	15	
SAMO0030	Yes	00403	PH, LAB, STANDARD UNITS SU	09/05/72-09/20/78	6	78	
SAMO0032	Yes	00403	PH, LAB, STANDARD UNITS SU	01/01/82-08/03/88	6	14	
SAMO0039	No	00403	PH, LAB, STANDARD UNITS SU	01/06/78-03/02/78	0	3	
SAMO0041	No	00403	PH, LAB, STANDARD UNITS SU	01/06/78-03/02/78	0	3	
SAMO0042	No	00403	PH, LAB, STANDARD UNITS SU	01/06/78-03/02/78	0	3	
SAMO0054	Yes	00403	PH, LAB, STANDARD UNITS SU	03/18/82-02/01/86	3	7	
SAMO0056	No	00403	PH, LAB, STANDARD UNITS SU	03/23/64-03/23/64	0	1	
SAMO0059	Yes	00403	PH, LAB, STANDARD UNITS SU	01/01/82-08/04/88	6	4	
SAMO0061	Yes	00403	PH, LAB, STANDARD UNITS SU	08/04/71-05/02/91	19	191	T,A
SAMO0062	Yes	00403	PH, LAB, STANDARD UNITS SU	01/16/52-05/17/88	36	75	S
SAMO0063	No	00403	PH, LAB, STANDARD UNITS SU	04/16/52-12/02/52	0	2	
SAMO0064	No	00403	PH, LAB, STANDARD UNITS SU	01/27/56-04/02/65	9	4	
SAMO0066	Yes	00403	PH, LAB, STANDARD UNITS SU	12/17/87-08/03/88	0	2	
SAMO0067	No	00403	PH, LAB, STANDARD UNITS SU	01/27/56-04/02/65	9	4	
SAMO0068	Yes	00403	PH, LAB, STANDARD UNITS SU	10/28/74-02/03/75	0	3	
SAMO0069	Yes	00403	PH, LAB, STANDARD UNITS SU	01/02/82-08/02/88	6	15	
SAMO0070	Yes	00403	PH, LAB, STANDARD UNITS SU	12/28/77-02/13/78	0	7	
SAMO0073	Yes	00403	PH, LAB, STANDARD UNITS SU	08/04/88-08/04/88	0	1	
SAMO0074	No	00403	PH, LAB, STANDARD UNITS SU	03/08/52-03/08/52	0	1	
SAMO0075	No	00403	PH, LAB, STANDARD UNITS SU	12/12/51-01/07/53	1	3	
SAMO0076	No	00403	PH, LAB, STANDARD UNITS SU	03/07/52-12/02/52	0	3	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 01/01/01 To 09/02/93**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
SAMO0079	No	00403	PH, LAB, STANDARD UNITS SU	02/19/62-11/29/70	8	2	
SAMO0080	No	00403	PH, LAB, STANDARD UNITS SU	02/09/62-04/02/65	3	3	
SAMO0083	Yes	00403	PH, LAB, STANDARD UNITS SU	08/05/88-08/05/88	0	1	
SAMO0084	Yes	00403	PH, LAB, STANDARD UNITS SU	01/02/82-07/14/83	1	4	
SAMO0086	Yes	00403	PH, LAB, STANDARD UNITS SU	11/10/82-02/17/86	3	4	
SAMO0087	Yes	00403	PH, LAB, STANDARD UNITS SU	01/01/82-08/29/84	2	9	
SAMO0088	Yes	00403	PH, LAB, STANDARD UNITS SU	03/18/82-08/02/88	6	5	
SAMO0090	Yes	00403	PH, LAB, STANDARD UNITS SU	02/17/86-07/23/86	0	2	
SAMO0091	No	00403	PH, LAB, STANDARD UNITS SU	08/05/88-08/05/88	0	1	
SAMO0092	Yes	00403	PH, LAB, STANDARD UNITS SU	11/25/85-12/17/87	2	3	
SAMO0094	Yes	00403	PH, LAB, STANDARD UNITS SU	12/01/73-01/04/74	0	2	
SAMO0097	No	00403	PH, LAB, STANDARD UNITS SU	03/07/52-08/17/77	25	18	
SAMO0098	No	00403	PH, LAB, STANDARD UNITS SU	09/02/93-09/02/93	0	1	
SAMO0100	No	00403	PH, LAB, STANDARD UNITS SU	03/23/64-03/23/64	0	1	
SAMO0101	Yes	00403	PH, LAB, STANDARD UNITS SU	05/11/88-02/09/89	0	4	
SAMO0102	No	00403	PH, LAB, STANDARD UNITS SU	05/23/90-09/05/90	0	2	
SAMO0103	No	00403	PH, LAB, STANDARD UNITS SU	05/23/90-08/31/93	3	3	
SAMO0105	Yes	00403	PH, LAB, STANDARD UNITS SU	07/12/83-03/10/86	2	2	
SAMO0107	No	00403	PH, LAB, STANDARD UNITS SU	08/05/88-08/05/88	0	1	
SAMO0110	No	00403	PH, LAB, STANDARD UNITS SU	01/27/56-11/29/70	14	3	
SAMO0111	No	00403	PH, LAB, STANDARD UNITS SU	04/12/79-04/12/79	0	1	
SAMO0112	No	00403	PH, LAB, STANDARD UNITS SU	01/13/57-04/12/79	22	4	
SAMO0114	No	00403	PH, LAB, STANDARD UNITS SU	03/19/52-02/27/53	0	6	
SAMO0116	No	00403	PH, LAB, STANDARD UNITS SU	01/27/56-01/27/56	0	1	
SAMO0117	No	00403	PH, LAB, STANDARD UNITS SU	09/26/78-09/26/78	0	1	
SAMO0119	No	00403	PH, LAB, STANDARD UNITS SU	02/09/62-02/19/62	0	2	
SAMO0120	No	00403	PH, LAB, STANDARD UNITS SU	05/23/90-09/01/93	3	3	
SAMO0122	No	00403	PH, LAB, STANDARD UNITS SU	01/27/56-04/02/65	9	3	
SAMO0123	No	00403	PH, LAB, STANDARD UNITS SU	06/06/52-06/06/52	0	1	
SAMO0124	No	00403	PH, LAB, STANDARD UNITS SU	07/10/90-07/10/90	0	1	
SAMO0125	No	00403	PH, LAB, STANDARD UNITS SU	02/25/74-02/25/74	0	1	
SAMO0126	No	00403	PH, LAB, STANDARD UNITS SU	02/19/62-02/19/62	0	1	
SAMO0127	Yes	00403	PH, LAB, STANDARD UNITS SU	03/10/86-03/10/86	0	1	
SAMO0128	Yes	00403	PH, LAB, STANDARD UNITS SU	02/13/86-02/13/86	0	1	
SAMO0131	Yes	00403	PH, LAB, STANDARD UNITS SU	03/17/82-03/17/82	0	1	
SAMO0132	No	00403	PH, LAB, STANDARD UNITS SU	01/27/56-02/25/74	18	3	
SAMO0133	No	00403	PH, LAB, STANDARD UNITS SU	06/29/78-06/29/78	0	1	
SAMO0134	Yes	00403	PH, LAB, STANDARD UNITS SU	12/27/77-03/04/78	0	6	
SAMO0135	No	00403	PH, LAB, STANDARD UNITS SU	07/10/90-07/10/90	0	1	
SAMO0136	No	00403	PH, LAB, STANDARD UNITS SU	02/06/52-11/29/70	18	9	
SAMO0137	No	00403	PH, LAB, STANDARD UNITS SU	02/09/62-02/09/62	0	1	
SAMO0138	No	00403	PH, LAB, STANDARD UNITS SU	03/17/82-07/12/83	1	3	
SAMO0140	No	00403	PH, LAB, STANDARD UNITS SU	04/22/58-04/22/58	0	1	
SAMO0141	No	00403	PH, LAB, STANDARD UNITS SU	03/01/83-03/10/86	3	3	
SAMO0142	Yes	00403	PH, LAB, STANDARD UNITS SU	03/10/86-03/10/86	0	1	
SAMO0143	No	00403	PH, LAB, STANDARD UNITS SU	01/15/52-11/29/70	18	9	
SAMO0144	No	00403	PH, LAB, STANDARD UNITS SU	02/09/62-02/09/62	0	1	
SAMO0147	No	00403	PH, LAB, STANDARD UNITS SU	01/07/52-04/08/58	6	5	
SAMO0149	No	00403	PH, LAB, STANDARD UNITS SU	01/27/56-01/27/56	0	1	
SAMO0150	No	00403	PH, LAB, STANDARD UNITS SU	01/27/56-02/14/61	5	2	
SAMO0152	No	00403	PH, LAB, STANDARD UNITS SU	01/26/56-11/20/63	7	5	
SAMO0154	No	00403	PH, LAB, STANDARD UNITS SU	02/16/62-02/16/62	0	1	
SAMO0155	No	00403	PH, LAB, STANDARD UNITS SU	04/07/53-04/07/53	0	1	
SAMO0156	No	00403	PH, LAB, STANDARD UNITS SU	04/08/52-11/29/70	18	8	
SAMO0157	Yes	00403	PH, LAB, STANDARD UNITS SU	09/12/61-09/12/61	0	1	
SAMO0158	No	00403	PH, LAB, STANDARD UNITS SU	09/12/61-09/12/61	0	1	
SAMO0160	No	00403	PH, LAB, STANDARD UNITS SU	02/14/61-02/14/61	0	1	
SAMO0162	No	00403	PH, LAB, STANDARD UNITS SU	04/08/52-04/08/52	0	1	
SAMO0163	No	00403	PH, LAB, STANDARD UNITS SU	09/12/61-09/12/61	0	1	
SAMO0164	No	00403	PH, LAB, STANDARD UNITS SU	02/14/61-02/14/61	0	1	
SAMO0168	No	00403	PH, LAB, STANDARD UNITS SU	03/03/61-03/03/61	0	1	
SAMO0169	No	00403	PH, LAB, STANDARD UNITS SU	02/14/61-02/14/61	0	1	
SAMO0170	No	00403	PH, LAB, STANDARD UNITS SU	08/04/52-01/14/53	0	2	
SAMO0171	No	00403	PH, LAB, STANDARD UNITS SU	03/03/61-03/03/61	0	1	
SAMO0172	No	00403	PH, LAB, STANDARD UNITS SU	03/03/61-03/03/61	0	1	
SAMO0173	No	00403	PH, LAB, STANDARD UNITS SU	06/06/52-02/14/61	8	3	
SAMO0175	No	00403	PH, LAB, STANDARD UNITS SU	06/06/52-02/27/53	0	2	
SAMO0176	No	00403	PH, LAB, STANDARD UNITS SU	03/03/61-03/03/61	0	1	
SAMO0177	No	00403	PH, LAB, STANDARD UNITS SU	02/14/61-02/14/61	0	2	
SAMO0178	No	00403	PH, LAB, STANDARD UNITS SU	03/03/61-03/03/61	0	1	
SAMO0179	No	00403	PH, LAB, STANDARD UNITS SU	03/03/61-03/03/61	0	1	
SAMO0180	No	00403	PH, LAB, STANDARD UNITS SU	09/12/61-09/12/61	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

# **Station/Parameter Period of Record Tabulation** **From 01/01/01 To 09/02/93**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
SAMO0181	No	00403	PH, LAB, STANDARD UNITS SU	09/12/61-09/12/61	0	1	
SAMO0182	No	00403	PH, LAB, STANDARD UNITS SU	06/06/52-01/14/53	0	2	
SAMO0029	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	01/02/82-03/02/83	1	3	
SAMO0032	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	01/01/82-03/17/82	0	2	
SAMO0054	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	03/18/82-03/18/82	0	1	
SAMO0059	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	01/01/82-03/18/82	0	2	
SAMO0069	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	01/02/82-03/01/83	1	3	
SAMO0084	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	01/02/82-03/18/82	0	2	
SAMO0087	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	01/01/82-03/01/83	1	3	
SAMO0088	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	03/18/82-03/18/82	0	1	
SAMO0131	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	03/17/82-03/17/82	0	1	
SAMO0138	No	00405	CARBON DIOXIDE (MG/L AS CO2)	03/17/82-03/01/83	0	2	
SAMO0141	No	00405	CARBON DIOXIDE (MG/L AS CO2)	03/01/83-03/01/83	0	1	
SAMO0001	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/22/51-12/07/77	26	117	T,S
SAMO0004	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/28/74-02/03/75	0	3	
SAMO0005	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/28/74-02/03/75	0	3	
SAMO0008	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/31/86-10/31/86	0	1	
SAMO0013	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/17/86-10/17/86	0	1	
SAMO0015	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/18/74-12/27/77	3	20	
SAMO0016	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/03/86-11/03/86	0	1	
SAMO0023	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/03/86-11/03/86	0	1	
SAMO0025	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/20/86-11/20/86	0	1	
SAMO0029	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/17/82-08/03/88	6	13	
SAMO0030	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/05/72-11/15/77	5	62	
SAMO0031	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/20/86-11/20/86	0	1	
SAMO0032	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/02/83-08/03/88	5	11	
SAMO0054	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/13/83-02/01/86	2	4	
SAMO0055	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/22/68-09/27/76	7	56	
SAMO0056	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/23/64-03/23/64	0	1	
SAMO0059	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/04/88-08/04/88	0	1	
SAMO0060	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/15/86-12/15/86	0	1	
SAMO0062	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/16/52-11/15/77	25	58	S
SAMO0063	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/16/52-12/02/52	0	2	
SAMO0064	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/27/56-04/02/65	9	4	
SAMO0065	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/08/52-04/08/52	0	1	
SAMO0066	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/17/87-08/03/88	0	2	
SAMO0067	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/27/56-04/02/65	9	4	
SAMO0068	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/28/74-02/03/75	0	3	
SAMO0069	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/18/82-08/02/88	6	13	
SAMO0073	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/04/88-08/04/88	0	1	
SAMO0074	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/08/52-03/08/52	0	1	
SAMO0075	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/12/51-01/07/53	1	4	
SAMO0076	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/07/52-12/02/52	0	3	
SAMO0079	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/19/62-11/29/70	8	2	
SAMO0080	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/09/62-04/02/65	3	3	
SAMO0083	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/05/88-08/05/88	0	1	
SAMO0086	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/02/83-02/17/86	2	3	
SAMO0087	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/01/83-08/29/84	1	5	
SAMO0088	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/18/82-08/02/88	6	5	
SAMO0090	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/17/86-07/23/86	0	2	
SAMO0091	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/05/88-08/05/88	0	1	
SAMO0092	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/25/85-12/17/87	2	3	
SAMO0097	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/07/52-08/17/77	25	19	
SAMO0099	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/08/52-04/16/52	0	2	
SAMO0100	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/23/64-03/23/64	0	1	
SAMO0102	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/23/90-05/23/90	0	1	
SAMO0103	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/23/90-05/23/90	0	1	
SAMO0105	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/12/83-03/10/86	2	2	
SAMO0107	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/05/88-08/05/88	0	1	
SAMO0110	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/27/56-11/29/70	14	3	
SAMO0112	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/13/57-11/29/70	13	3	
SAMO0114	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/19/52-02/27/53	0	7	
SAMO0116	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/27/56-01/27/56	0	1	
SAMO0117	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/26/78-09/26/78	0	1	
SAMO0119	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/09/62-02/19/62	0	2	
SAMO0120	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/23/90-05/23/90	0	1	
SAMO0122	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/27/56-04/02/65	9	3	
SAMO0123	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/06/52-06/06/52	0	1	
SAMO0125	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/25/74-02/25/74	0	1	
SAMO0126	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/19/62-02/19/62	0	1	
SAMO0127	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/13/86-02/13/86	0	1	
SAMO0128	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/13/86-02/13/86	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot



# Station/Parameter Period of Record Tabulation From 01/01/01 To 09/02/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
SAMO0131	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/13/86-02/13/86	0	1	
SAMO0132	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/27/56-02/25/74	18	3	
SAMO0136	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/06/52-11/29/70	18	10	
SAMO0137	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/09/62-02/09/62	0	1	
SAMO0138	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/01/83-02/13/86	2	3	
SAMO0140	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/22/58-04/22/58	0	1	
SAMO0141	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/01/83-03/10/86	3	3	
SAMO0142	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/10/86-03/10/86	0	1	
SAMO0143	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/15/52-11/29/70	18	9	
SAMO0144	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/09/62-02/09/62	0	1	
SAMO0147	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/07/52-04/08/58	6	5	
SAMO0149	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/27/56-01/27/56	0	1	
SAMO0150	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/27/56-02/14/61	5	2	
SAMO0151	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/11/86-12/11/86	0	1	
SAMO0152	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/26/56-11/20/63	7	5	
SAMO0154	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/16/62-02/16/62	0	1	
SAMO0155	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/07/53-04/07/53	0	1	
SAMO0156	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/08/52-11/29/70	18	8	
SAMO0157	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/12/61-09/12/61	0	1	
SAMO0158	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/12/61-09/12/61	0	1	
SAMO0160	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/14/61-02/14/61	0	1	
SAMO0161	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/11/86-12/11/86	0	1	
SAMO0162	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/08/52-04/08/52	0	1	
SAMO0163	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/12/61-09/12/61	0	1	
SAMO0164	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/14/61-02/14/61	0	1	
SAMO0168	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/03/61-03/03/61	0	1	
SAMO0169	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/14/61-02/14/61	0	1	
SAMO0170	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/04/52-01/14/53	0	2	
SAMO0171	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/03/61-03/03/61	0	1	
SAMO0172	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/03/61-03/03/61	0	1	
SAMO0173	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/06/52-02/14/61	8	3	
SAMO0175	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/06/52-02/27/53	0	2	
SAMO0176	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/03/61-03/03/61	0	1	
SAMO0177	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/14/61-02/14/61	0	1	
SAMO0178	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/03/61-03/03/61	0	1	
SAMO0179	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/03/61-03/03/61	0	1	
SAMO0180	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/12/61-09/12/61	0	1	
SAMO0181	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/12/61-09/12/61	0	1	
SAMO0182	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/06/52-01/14/53	0	2	
SAMO0184	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/17/60-11/17/60	0	1	
SAMO0102	No	00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	05/23/90-05/23/90	0	1	
SAMO0103	No	00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	05/23/90-05/23/90	0	1	
SAMO0120	No	00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	05/23/90-05/23/90	0	1	
SAMO0002	No	00440	BICARBONATE ION (MG/L AS HCO3)	07/05/67-05/16/91	23	221	T,A,S
SAMO0003	No	00440	BICARBONATE ION (MG/L AS HCO3)	01/04/74-02/03/75	1	4	
SAMO0006	No	00440	BICARBONATE ION (MG/L AS HCO3)	01/04/74-02/03/75	1	4	
SAMO0008	No	00440	BICARBONATE ION (MG/L AS HCO3)	10/31/86-10/31/86	0	1	
SAMO0013	No	00440	BICARBONATE ION (MG/L AS HCO3)	10/17/86-10/17/86	0	1	
SAMO0014	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	07/18/74-05/02/91	16	140	
SAMO0016	No	00440	BICARBONATE ION (MG/L AS HCO3)	11/03/86-11/03/86	0	1	
SAMO0018	No	00440	BICARBONATE ION (MG/L AS HCO3)	12/27/77-05/02/91	13	119	
SAMO0023	No	00440	BICARBONATE ION (MG/L AS HCO3)	11/03/86-11/03/86	0	1	
SAMO0025	No	00440	BICARBONATE ION (MG/L AS HCO3)	11/20/86-11/20/86	0	1	
SAMO0027	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	05/11/88-05/02/91	2	39	
SAMO0028	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/04/71-03/21/84	12	166	A
SAMO0031	No	00440	BICARBONATE ION (MG/L AS HCO3)	11/20/86-11/20/86	0	1	
SAMO0055	No	00440	BICARBONATE ION (MG/L AS HCO3)	10/22/68-09/16/69	0	12	
SAMO0060	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	12/15/86-12/15/86	0	1	
SAMO0061	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/04/71-05/02/91	19	186	T,A
SAMO0094	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	12/01/73-01/04/74	0	2	
SAMO0101	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	05/11/88-02/09/89	0	4	
SAMO0151	No	00440	BICARBONATE ION (MG/L AS HCO3)	12/11/86-12/11/86	0	1	
SAMO0161	No	00440	BICARBONATE ION (MG/L AS HCO3)	12/11/86-12/11/86	0	1	
SAMO0002	No	00445	CARBONATE ION (MG/L AS CO3)	07/05/67-07/06/79	12	112	
SAMO0003	No	00445	CARBONATE ION (MG/L AS CO3)	01/04/74-02/03/75	1	4	
SAMO0006	No	00445	CARBONATE ION (MG/L AS CO3)	01/04/74-02/03/75	1	4	
SAMO0008	No	00445	CARBONATE ION (MG/L AS CO3)	10/31/86-10/31/86	0	1	
SAMO0013	No	00445	CARBONATE ION (MG/L AS CO3)	10/17/86-10/17/86	0	1	
SAMO0014	Yes	00445	CARBONATE ION (MG/L AS CO3)	07/18/74-06/21/77	2	17	
SAMO0016	No	00445	CARBONATE ION (MG/L AS CO3)	11/03/86-11/03/86	0	1	
SAMO0018	No	00445	CARBONATE ION (MG/L AS CO3)	11/17/78-04/17/79	0	2	
SAMO0023	No	00445	CARBONATE ION (MG/L AS CO3)	11/03/86-11/03/86	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

# **Station/Parameter Period of Record Tabulation** **From 01/01/01 To 09/02/93**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
SAMO0025	No	00445	CARBONATE ION (MG/L AS CO3)	11/20/86-11/20/86	0	1	
SAMO0028	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/04/71-04/17/79	7	83	
SAMO0031	No	00445	CARBONATE ION (MG/L AS CO3)	11/20/86-11/20/86	0	1	
SAMO0055	No	00445	CARBONATE ION (MG/L AS CO3)	10/22/68-09/16/69	0	12	
SAMO0060	Yes	00445	CARBONATE ION (MG/L AS CO3)	12/15/86-12/15/86	0	1	
SAMO0061	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/04/71-09/19/77	6	68	
SAMO0094	Yes	00445	CARBONATE ION (MG/L AS CO3)	12/01/73-01/04/74	0	2	
SAMO0151	No	00445	CARBONATE ION (MG/L AS CO3)	12/11/86-12/11/86	0	1	
SAMO0161	No	00445	CARBONATE ION (MG/L AS CO3)	12/11/86-12/11/86	0	1	
SAMO0015	Yes	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	12/27/77-03/04/78	0	6	
SAMO0030	Yes	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	12/27/77-02/28/78	0	5	
SAMO0062	Yes	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	12/27/77-02/28/78	0	5	
SAMO0097	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	08/17/77-08/17/77	0	1	
SAMO0001	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/12/67-03/05/70	2	2	
SAMO0002	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/09/80-03/04/83	3	13	
SAMO0004	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/28/74-02/03/75	0	3	
SAMO0005	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/28/74-02/03/75	0	3	
SAMO0014	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/09/80-03/04/83	3	13	
SAMO0015	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/08/77-05/08/77	0	1	
SAMO0018	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/09/80-03/04/83	3	13	
SAMO0028	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/11/72-01/24/83	10	20	
SAMO0030	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/28/74-02/03/75	0	3	
SAMO0061	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/09/80-01/24/83	3	10	
SAMO0068	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/28/74-02/03/75	0	3	
SAMO0002	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/09/80-03/04/83	3	13	
SAMO0014	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/09/80-03/04/83	3	13	
SAMO0015	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/06/77-05/08/77	0	2	
SAMO0018	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/09/80-03/04/83	3	13	
SAMO0028	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/09/80-01/24/83	3	11	
SAMO0061	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/09/80-01/24/83	3	10	
SAMO0002	No	00547	RESIDUE, TOTAL NON-SETTLEABLE (MG/L)	10/05/73-03/27/79	5	7	
SAMO0003	No	00547	RESIDUE, TOTAL NON-SETTLEABLE (MG/L)	01/04/74-02/03/75	1	4	
SAMO0006	No	00547	RESIDUE, TOTAL NON-SETTLEABLE (MG/L)	01/04/74-02/03/75	1	4	
SAMO0014	Yes	00547	RESIDUE, TOTAL NON-SETTLEABLE (MG/L)	01/06/77-03/27/79	2	10	
SAMO0018	No	00547	RESIDUE, TOTAL NON-SETTLEABLE (MG/L)	12/29/77-03/27/79	1	6	
SAMO0028	Yes	00547	RESIDUE, TOTAL NON-SETTLEABLE (MG/L)	11/11/72-03/27/79	6	18	
SAMO0061	Yes	00547	RESIDUE, TOTAL NON-SETTLEABLE (MG/L)	10/05/73-03/27/79	5	8	
SAMO0094	Yes	00547	RESIDUE, TOTAL NON-SETTLEABLE (MG/L)	12/01/73-01/04/74	0	2	
SAMO0134	Yes	00547	RESIDUE, TOTAL NON-SETTLEABLE (MG/L)	12/27/77-03/04/78	0	6	
SAMO0002	No	00549	RESIDUE, VOLATILE NONSETTLEABLE (MG/L)	12/28/77-03/27/79	1	6	
SAMO0014	Yes	00549	RESIDUE, VOLATILE NONSETTLEABLE (MG/L)	01/06/77-03/27/79	2	10	
SAMO0018	No	00549	RESIDUE, VOLATILE NONSETTLEABLE (MG/L)	12/29/77-03/27/79	1	6	
SAMO0028	Yes	00549	RESIDUE, VOLATILE NONSETTLEABLE (MG/L)	12/29/77-03/27/79	1	7	
SAMO0061	Yes	00549	RESIDUE, VOLATILE NONSETTLEABLE (MG/L)	12/29/77-03/27/79	1	7	
SAMO0134	Yes	00549	RESIDUE, VOLATILE NONSETTLEABLE (MG/L)	12/27/77-03/04/78	0	6	
SAMO0014	Yes	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	01/06/77-07/16/87	10	35	
SAMO0015	Yes	00552	OIL & GREASE (HEXANE EXTRACTION) TOTAL,REC.,MG/L	01/06/77-05/08/77	0	2	
SAMO0086	Yes	00602	NITROGEN, DISSOLVED (MG/L AS N)	11/10/82-11/10/82	0	1	
SAMO0002	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	12/04/81-12/04/81	0	1	
SAMO0014	Yes	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	07/17/85-12/16/87	2	5	
SAMO0018	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	07/09/85-07/07/87	1	3	
SAMO0055	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	11/21/74-08/18/75	0	10	
SAMO0086	Yes	00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	11/10/82-11/10/82	0	1	
SAMO0002	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/03/79-05/16/91	11	84	
SAMO0014	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/17/79-05/02/91	11	98	
SAMO0015	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/17/77-11/15/77	0	2	
SAMO0018	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/17/79-05/02/91	11	95	
SAMO0027	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/11/88-05/02/91	2	38	
SAMO0028	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/18/79-03/21/84	4	53	
SAMO0055	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/26/70-09/19/74	3	33	
SAMO0061	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/17/79-05/02/91	11	85	
SAMO0086	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	11/10/82-11/10/82	0	1	
SAMO0098	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/02/93-09/02/93	0	1	
SAMO0101	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/11/88-02/09/89	0	3	
SAMO0102	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/23/90-08/31/93	3	3	
SAMO0103	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/23/90-08/31/93	3	3	
SAMO0109	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/02/93-09/02/93	0	1	
SAMO0113	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/01/93-09/01/93	0	1	
SAMO0120	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/23/90-09/01/93	3	3	
SAMO0124	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	07/10/90-07/10/90	0	1	
SAMO0135	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	07/10/90-07/10/90	0	1	
SAMO0001	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/05/67-08/07/78	11	122	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

# Station/Parameter Period of Record Tabulation From 01/01/01 To 09/02/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
SAMO0002	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/05/67-11/02/79	12	140	A
SAMO0003	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/04/74-02/03/75	1	4	
SAMO0004	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/28/74-02/03/75	0	3	
SAMO0005	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/28/74-02/03/75	0	3	
SAMO0006	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/04/74-02/03/75	1	4	
SAMO0014	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/18/74-11/16/79	5	41	
SAMO0015	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/18/74-07/21/78	4	21	
SAMO0018	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/27/77-11/16/79	1	22	
SAMO0028	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/04/71-11/16/79	8	114	
SAMO0030	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/04/72-09/20/78	5	69	
SAMO0055	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/21/74-09/24/75	0	11	
SAMO0061	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/04/71-11/16/79	8	100	
SAMO0062	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/04/72-05/17/88	15	65	
SAMO0068	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/28/74-02/03/75	0	3	
SAMO0055	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/19/71-09/19/74	2	21	
SAMO0062	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/17/88-05/17/88	0	1	
SAMO0086	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	11/10/82-11/10/82	0	1	
SAMO0098	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/02/93-09/02/93	0	1	
SAMO0102	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/31/93-08/31/93	0	1	
SAMO0120	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/01/93-09/01/93	0	1	
SAMO0002	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/08/80-05/16/91	11	79	
SAMO0014	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/17/79-05/02/91	11	88	
SAMO0018	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/17/79-05/02/91	11	88	
SAMO0027	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/11/88-05/02/91	2	38	
SAMO0028	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/17/79-03/21/84	4	46	
SAMO0055	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/21/74-09/27/76	1	23	
SAMO0061	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/17/79-05/02/91	11	80	
SAMO0101	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/11/88-02/09/89	0	3	
SAMO0001	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/04/72-08/07/78	5	61	
SAMO0004	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/28/74-02/03/75	0	3	
SAMO0005	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/28/74-02/03/75	0	3	
SAMO0015	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/18/74-07/21/78	4	24	
SAMO0030	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/04/72-09/20/78	5	73	
SAMO0055	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/19/71-09/19/74	2	33	
SAMO0062	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/04/72-05/17/88	15	66	
SAMO0068	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/28/74-02/03/75	0	3	
SAMO0086	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	11/10/82-11/10/82	0	1	
SAMO0002	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/05/67-05/16/91	23	222	T,A,S
SAMO0003	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/04/74-02/03/75	1	4	
SAMO0006	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/04/74-02/03/75	1	4	
SAMO0014	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/18/74-05/02/91	16	133	
SAMO0018	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/27/77-05/02/91	13	111	
SAMO0027	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/11/88-05/02/91	2	38	
SAMO0028	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/04/71-03/21/84	12	161	A
SAMO0055	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/21/74-09/27/76	1	23	
SAMO0061	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/04/71-05/02/91	19	181	T,A
SAMO0101	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/11/88-02/09/89	0	3	
SAMO0086	Yes	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	11/10/82-11/10/82	0	1	
SAMO0098	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	09/02/93-09/02/93	0	1	
SAMO0102	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	05/23/90-08/31/93	3	3	
SAMO0103	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	05/23/90-08/31/93	3	3	
SAMO0109	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	09/02/93-09/02/93	0	1	
SAMO0113	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	09/01/93-09/01/93	0	1	
SAMO0120	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	05/23/90-09/01/93	3	3	
SAMO0124	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	07/10/90-07/10/90	0	1	
SAMO0135	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	07/10/90-07/10/90	0	1	
SAMO0055	No	00625	NITROGEN, KJELDAHL, TOTAL (MG/L AS N)	10/26/70-09/27/76	5	56	
SAMO0062	Yes	00629	NITROGEN, ORGANIC KJELDAHL, TOTAL (MG/L AS N)	05/17/88-05/17/88	0	1	
SAMO0002	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/04/79-02/06/80	0	5	
SAMO0014	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/16/79-01/22/80	0	3	
SAMO0018	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/18/79-01/23/80	0	4	
SAMO0028	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/18/79-01/22/80	0	4	
SAMO0061	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/18/79-01/22/80	0	4	
SAMO0029	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/02/82-08/03/88	6	15	
SAMO0032	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/01/82-08/03/88	6	14	
SAMO0054	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	03/18/82-02/01/86	3	7	
SAMO0059	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/01/82-07/28/82	0	3	
SAMO0066	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	12/17/87-08/03/88	0	2	
SAMO0069	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/02/82-08/02/88	6	14	
SAMO0084	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/02/82-07/14/83	1	4	
SAMO0086	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	11/10/82-02/17/86	3	4	
SAMO0087	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/01/82-08/29/84	2	9	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

# Station/Parameter Period of Record Tabulation From 01/01/01 To 09/02/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
SAMO0088	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	03/18/82-08/02/88	6	5	
SAMO0090	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	02/17/86-07/23/86	0	2	
SAMO0092	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	11/25/85-12/17/87	2	3	
SAMO0098	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/02/93-09/02/93	0	1	
SAMO0102	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/23/90-08/31/93	3	3	
SAMO0103	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/23/90-08/31/93	3	3	
SAMO0105	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/12/83-03/10/86	2	2	
SAMO0109	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/02/93-09/02/93	0	1	
SAMO0113	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/01/93-09/01/93	0	1	
SAMO0124	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/10/90-07/10/90	0	1	
SAMO0127	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	03/10/86-03/10/86	0	1	
SAMO0128	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	02/13/86-02/13/86	0	1	
SAMO0131	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	03/17/82-02/13/86	3	2	
SAMO0135	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/10/90-07/10/90	0	1	
SAMO0138	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	03/17/82-02/13/86	3	4	
SAMO0141	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	03/01/83-03/10/86	3	3	
SAMO0142	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	03/10/86-03/10/86	0	1	
SAMO0029	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/02/82-03/02/83	1	4	
SAMO0032	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/01/82-03/02/83	1	4	
SAMO0054	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/18/82-07/27/82	0	2	
SAMO0055	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/19/71-09/27/76	4	45	
SAMO0059	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/01/82-07/28/82	0	3	
SAMO0069	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/02/82-03/01/83	1	4	
SAMO0084	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/02/82-07/27/82	0	3	
SAMO0087	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/01/82-03/01/83	1	4	
SAMO0088	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/18/82-03/18/82	0	1	
SAMO0131	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/17/82-03/17/82	0	1	
SAMO0138	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/17/82-03/01/83	0	2	
SAMO0141	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/01/83-03/01/83	0	1	
SAMO0029	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/25/85-11/25/85	0	1	
SAMO0062	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/17/88-05/17/88	0	1	
SAMO0098	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/02/93-09/02/93	0	1	
SAMO0102	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/23/90-08/31/93	3	3	
SAMO0103	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/23/90-08/31/93	3	3	
SAMO0109	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/02/93-09/02/93	0	1	
SAMO0113	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/01/93-09/01/93	0	1	
SAMO0120	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/23/90-09/01/93	3	3	
SAMO0124	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/10/90-07/10/90	0	1	
SAMO0135	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/10/90-07/10/90	0	1	
SAMO0029	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/02/82-08/03/88	6	15	
SAMO0032	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/01/82-08/03/88	6	14	
SAMO0054	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/18/82-02/01/86	3	7	
SAMO0055	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/26/70-09/27/76	5	57	
SAMO0059	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/01/82-07/28/82	0	3	
SAMO0062	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/17/88-05/17/88	0	1	
SAMO0066	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/17/87-08/03/88	0	2	
SAMO0069	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/02/82-08/02/88	6	15	
SAMO0079	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/29/70-11/29/70	0	1	
SAMO0084	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/02/82-07/14/83	1	4	
SAMO0086	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/10/82-02/17/86	3	4	
SAMO0087	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/01/82-08/29/84	2	9	
SAMO0088	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/18/82-08/02/88	6	5	
SAMO0090	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	02/17/86-07/23/86	0	2	
SAMO0092	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/25/85-12/17/87	2	3	
SAMO0098	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/02/93-09/02/93	0	1	
SAMO0102	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/23/90-08/31/93	3	3	
SAMO0103	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/23/90-08/31/93	3	3	
SAMO0105	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/12/83-03/10/86	2	2	
SAMO0109	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/02/93-09/02/93	0	1	
SAMO0110	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/29/70-11/29/70	0	1	
SAMO0112	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/29/70-11/29/70	0	1	
SAMO0113	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/01/93-09/01/93	0	1	
SAMO0120	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/23/90-09/01/93	3	3	
SAMO0124	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/10/90-07/10/90	0	1	
SAMO0127	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/10/86-03/10/86	0	1	
SAMO0131	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/17/82-02/13/86	3	2	
SAMO0135	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/10/90-07/10/90	0	1	
SAMO0136	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/29/70-11/29/70	0	1	
SAMO0138	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/17/82-02/13/86	3	4	
SAMO0141	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/01/83-03/10/86	3	3	
SAMO0142	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/10/86-03/10/86	0	1	
SAMO0143	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/29/70-11/29/70	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation  
From 01/01/01 To 09/02/93**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
SAMO0156	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/29/70-11/29/70	0	1	
SAMO0002	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/04/80-04/17/91	10	55	
SAMO0014	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/80-05/02/91	10	87	
SAMO0018	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/80-04/03/91	10	61	
SAMO0027	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/15/88-04/03/91	2	16	
SAMO0028	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/80-03/21/84	3	45	
SAMO0061	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/80-04/03/91	10	59	
SAMO0101	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	12/15/88-02/09/89	0	2	
SAMO0004	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	10/28/74-02/02/75	0	3	
SAMO0005	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	10/28/74-02/02/75	0	3	
SAMO0014	Yes	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	12/27/77-12/16/87	9	25	
SAMO0015	Yes	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	12/27/77-03/04/78	0	6	
SAMO0018	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	12/27/77-07/07/87	9	21	
SAMO0028	Yes	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	12/27/77-03/17/82	4	18	
SAMO0030	Yes	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	10/28/74-02/28/78	3	8	
SAMO0055	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	10/15/73-09/24/75	1	19	
SAMO0061	Yes	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	12/27/77-03/17/82	4	18	
SAMO0062	Yes	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	02/02/75-02/28/78	3	6	
SAMO0068	Yes	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	10/28/74-12/04/74	0	2	
SAMO0001	No	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	08/22/51-03/03/77	25	110	T,S
SAMO0002	No	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	07/05/67-05/16/91	23	206	T,A,S
SAMO0003	No	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	01/04/74-02/03/75	1	4	
SAMO0004	No	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	10/28/74-02/03/75	0	3	
SAMO0005	No	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	10/28/74-02/03/75	0	3	
SAMO0006	No	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	01/04/74-02/03/75	1	4	
SAMO0008	No	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	10/31/86-10/31/86	0	1	
SAMO0013	No	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	10/17/86-10/17/86	0	1	
SAMO0014	Yes	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	07/18/74-05/02/91	16	136	
SAMO0015	Yes	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	07/18/74-03/04/78	3	22	
SAMO0016	No	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	11/03/86-11/03/86	0	1	
SAMO0018	No	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	12/27/77-05/02/91	13	120	
SAMO0023	No	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	11/03/86-11/03/86	0	1	
SAMO0025	No	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	11/20/86-11/20/86	0	1	
SAMO0027	Yes	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/11/88-05/02/91	2	39	
SAMO0028	Yes	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	08/04/71-03/21/84	12	151	
SAMO0029	Yes	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	01/02/82-03/02/83	1	4	
SAMO0030	Yes	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	09/05/72-02/28/78	5	61	
SAMO0031	No	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	11/20/86-11/20/86	0	1	
SAMO0032	Yes	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	01/01/82-02/01/86	4	5	
SAMO0054	Yes	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	03/18/82-02/01/86	3	3	
SAMO0055	No	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	10/18/66-09/27/76	9	109	
SAMO0056	No	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	03/23/64-03/23/64	0	1	
SAMO0059	Yes	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	01/01/82-07/28/82	0	3	
SAMO0060	Yes	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	12/15/86-12/15/86	0	1	
SAMO0061	Yes	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	08/04/71-05/02/91	19	172	T,A
SAMO0062	Yes	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	01/16/52-05/17/88	36	58	S
SAMO0063	No	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	04/16/52-12/02/52	0	2	
SAMO0064	No	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	01/27/56-04/02/65	9	4	
SAMO0067	No	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	01/27/56-04/02/65	9	4	
SAMO0068	Yes	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	10/28/74-02/03/75	0	3	
SAMO0069	Yes	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	01/02/82-02/01/86	4	5	
SAMO0074	No	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	03/08/52-03/08/52	0	1	
SAMO0075	No	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	12/12/51-01/07/53	1	3	
SAMO0076	No	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	03/07/52-12/02/52	0	3	
SAMO0079	No	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	02/19/62-11/29/70	8	2	
SAMO0080	No	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	02/09/62-04/02/65	3	3	
SAMO0084	Yes	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	01/02/82-07/27/82	0	3	
SAMO0086	Yes	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	11/10/82-03/02/83	0	2	
SAMO0087	Yes	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	01/01/82-03/01/83	1	4	
SAMO0088	Yes	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	03/18/82-03/18/82	0	1	
SAMO0092	Yes	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	11/25/85-11/25/85	0	1	
SAMO0094	Yes	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	12/01/73-01/04/74	0	2	
SAMO0097	No	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	03/07/52-08/17/77	25	18	
SAMO0100	No	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	03/23/64-03/23/64	0	1	
SAMO0101	Yes	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/11/88-02/09/89	0	4	
SAMO0105	Yes	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	03/10/86-03/10/86	0	1	
SAMO0110	No	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	01/27/56-11/29/70	14	3	
SAMO0111	No	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	04/12/79-04/12/79	0	1	
SAMO0112	No	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	01/13/57-04/12/79	22	4	
SAMO0114	No	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	03/19/52-02/27/53	0	6	
SAMO0116	No	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	01/27/56-01/27/56	0	1	
SAMO0119	No	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	02/09/62-02/19/62	0	2	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

# **Station/Parameter Period of Record Tabulation** **From 01/01/01 To 09/02/93**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
SAMO0122	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/27/56-04/02/65	9	3	
SAMO0123	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/06/52-06/06/52	0	1	
SAMO0125	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/25/74-02/25/74	0	1	
SAMO0126	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/19/62-02/19/62	0	1	
SAMO0127	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/10/86-03/10/86	0	1	
SAMO0131	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/17/82-02/13/86	3	2	
SAMO0132	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/27/56-02/25/74	18	3	
SAMO0133	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/29/78-06/29/78	0	1	
SAMO0136	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/06/52-11/29/70	18	9	
SAMO0137	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/09/62-02/09/62	0	1	
SAMO0138	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/17/82-02/13/86	3	3	
SAMO0140	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/22/58-04/22/58	0	1	
SAMO0141	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/01/83-03/10/86	3	2	
SAMO0143	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/15/52-11/29/70	18	9	
SAMO0144	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/09/62-02/09/62	0	1	
SAMO0147	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/07/52-04/08/58	6	5	
SAMO0149	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/27/56-01/27/56	0	1	
SAMO0150	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/27/56-02/14/61	5	2	
SAMO0151	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/11/86-12/11/86	0	1	
SAMO0152	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/26/56-11/20/63	7	5	
SAMO0154	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/16/62-02/16/62	0	1	
SAMO0155	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/07/53-04/07/53	0	1	
SAMO0156	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/08/52-11/29/70	18	8	
SAMO0157	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/12/61-09/12/61	0	1	
SAMO0158	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/12/61-09/12/61	0	1	
SAMO0160	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/14/61-02/14/61	0	1	
SAMO0161	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/11/86-12/11/86	0	1	
SAMO0162	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/08/52-04/08/52	0	1	
SAMO0164	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/14/61-02/14/61	0	1	
SAMO0168	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/03/61-03/03/61	0	1	
SAMO0170	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/04/52-01/14/53	0	2	
SAMO0171	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/03/61-03/03/61	0	1	
SAMO0172	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/03/61-03/03/61	0	1	
SAMO0173	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/06/52-02/14/61	8	3	
SAMO0175	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/06/52-02/27/53	0	2	
SAMO0176	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/03/61-03/03/61	0	1	
SAMO0177	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/14/61-02/14/61	0	1	
SAMO0178	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/03/61-03/03/61	0	1	
SAMO0179	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/03/61-03/03/61	0	1	
SAMO0180	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/12/61-09/12/61	0	1	
SAMO0182	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/06/52-01/14/53	0	2	
SAMO0184	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/17/60-11/17/60	0	1	
SAMO0029	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/02/82-03/02/83	1	4	
SAMO0032	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/01/82-02/01/86	4	5	
SAMO0054	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/18/82-02/01/86	3	3	
SAMO0055	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/22/68-09/16/69	0	12	
SAMO0059	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/01/82-07/28/82	0	3	
SAMO0069	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/02/82-02/01/86	4	5	
SAMO0084	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/02/82-07/27/82	0	3	
SAMO0086	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/02/83-03/02/83	0	1	
SAMO0087	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/01/82-03/01/83	1	4	
SAMO0088	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/18/82-03/18/82	0	1	
SAMO0092	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	11/25/85-11/25/85	0	1	
SAMO0105	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/10/86-03/10/86	0	1	
SAMO0131	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/17/82-02/13/86	3	2	
SAMO0138	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/17/82-02/13/86	3	3	
SAMO0141	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/01/83-03/10/86	3	2	
SAMO0001	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/22/51-03/03/77	25	110	T,S
SAMO0004	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/28/74-02/03/75	0	3	
SAMO0005	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/28/74-02/03/75	0	3	
SAMO0015	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/18/74-03/04/78	3	22	
SAMO0029	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/02/82-08/03/88	6	15	
SAMO0030	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/05/72-02/28/78	5	61	
SAMO0032	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/01/82-09/17/87	5	13	
SAMO0054	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/18/82-02/01/86	3	7	
SAMO0055	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/18/66-09/27/76	9	109	
SAMO0056	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/23/64-03/23/64	0	1	
SAMO0059	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/01/82-08/04/88	6	4	
SAMO0062	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/16/52-05/17/88	36	58	S
SAMO0063	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/16/52-12/02/52	0	2	
SAMO0064	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/27/56-04/02/65	9	4	
SAMO0066	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	12/17/87-08/03/88	0	2	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 01/01/01 To 09/02/93**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
SAMO0067	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/27/56-04/02/65	9	4	
SAMO0068	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/28/74-02/03/75	0	3	
SAMO0069	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/02/82-08/02/88	6	15	
SAMO0073	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/04/88-08/04/88	0	1	
SAMO0075	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	12/12/51-01/07/53	1	3	
SAMO0076	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/07/52-12/02/52	0	3	
SAMO0079	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/19/62-11/29/70	8	2	
SAMO0080	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/09/62-04/02/65	3	3	
SAMO0083	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/05/88-08/05/88	0	1	
SAMO0084	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/02/82-07/14/83	1	4	
SAMO0086	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/10/82-02/17/86	3	4	
SAMO0087	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/01/82-08/29/84	2	9	
SAMO0088	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/18/82-08/02/88	6	5	
SAMO0090	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/17/86-07/23/86	0	2	
SAMO0091	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/05/88-08/05/88	0	1	
SAMO0092	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/25/85-12/17/87	2	3	
SAMO0097	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/07/52-08/17/77	25	18	
SAMO0098	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/02/93-09/02/93	0	1	
SAMO0100	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/23/64-03/23/64	0	1	
SAMO0102	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/23/90-09/05/90	0	2	
SAMO0103	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/23/90-08/31/93	3	3	
SAMO0105	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/12/83-03/10/86	2	2	
SAMO0107	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/05/88-08/05/88	0	1	
SAMO0110	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/27/56-11/29/70	14	3	
SAMO0111	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/12/79-04/12/79	0	1	
SAMO0112	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/13/57-04/12/79	22	4	
SAMO0114	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/16/52-02/27/53	0	5	
SAMO0116	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/27/56-01/27/56	0	1	
SAMO0117	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/26/78-09/26/78	0	1	
SAMO0119	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/09/62-02/19/62	0	2	
SAMO0120	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/23/90-09/01/93	3	3	
SAMO0122	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/27/56-04/02/65	9	3	
SAMO0123	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/06/52-06/06/52	0	1	
SAMO0124	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/10/90-07/10/90	0	1	
SAMO0125	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/25/74-02/25/74	0	1	
SAMO0126	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/19/62-02/19/62	0	1	
SAMO0127	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/10/86-03/10/86	0	1	
SAMO0128	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/13/86-02/13/86	0	1	
SAMO0131	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/17/82-02/13/86	3	2	
SAMO0132	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/27/56-02/25/74	18	3	
SAMO0133	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/29/78-06/29/78	0	1	
SAMO0135	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/10/90-07/10/90	0	1	
SAMO0136	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/06/52-11/29/70	18	9	
SAMO0137	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/09/62-02/09/62	0	1	
SAMO0138	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/17/82-02/13/86	3	4	
SAMO0140	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/22/58-04/22/58	0	1	
SAMO0141	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/01/83-03/10/86	3	3	
SAMO0142	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/10/86-03/10/86	0	1	
SAMO0143	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/15/52-11/29/70	18	8	
SAMO0144	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/09/62-02/09/62	0	1	
SAMO0147	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/07/52-04/08/58	6	4	
SAMO0149	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/27/56-01/27/56	0	1	
SAMO0150	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/27/56-02/14/61	5	2	
SAMO0152	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/26/56-11/20/63	7	5	
SAMO0154	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/16/62-02/16/62	0	1	
SAMO0155	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/07/53-04/07/53	0	1	
SAMO0156	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/08/52-11/29/70	18	8	
SAMO0157	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/12/61-09/12/61	0	1	
SAMO0158	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/12/61-09/12/61	0	1	
SAMO0160	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/14/61-02/14/61	0	1	
SAMO0162	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/08/52-04/08/52	0	1	
SAMO0163	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/12/61-09/12/61	0	1	
SAMO0164	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/14/61-02/14/61	0	1	
SAMO0168	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/03/61-03/03/61	0	1	
SAMO0169	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/14/61-02/14/61	0	1	
SAMO0170	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/04/52-01/14/53	0	2	
SAMO0171	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/03/61-03/03/61	0	1	
SAMO0172	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/03/61-03/03/61	0	1	
SAMO0173	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/06/52-02/14/61	8	3	
SAMO0175	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/06/52-02/27/53	0	2	
SAMO0176	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/03/61-03/03/61	0	1	
SAMO0177	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/14/61-02/14/61	0	2	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 01/01/01 To 09/02/93**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
SAMO0178	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/03/61-03/03/61	0	1	
SAMO0179	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/03/61-03/03/61	0	1	
SAMO0180	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/12/61-09/12/61	0	1	
SAMO0181	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/12/61-09/12/61	0	1	
SAMO0182	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/06/52-01/14/53	0	2	
SAMO0184	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/17/60-11/17/60	0	1	
SAMO0002	No	00916	CALCIUM, TOTAL (MG/L AS CA)	07/05/67-05/16/91	23	206	T,A,S
SAMO0003	No	00916	CALCIUM, TOTAL (MG/L AS CA)	01/04/74-02/03/75	1	4	
SAMO0006	No	00916	CALCIUM, TOTAL (MG/L AS CA)	01/04/74-02/03/75	1	4	
SAMO0014	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	07/18/74-05/02/91	16	136	
SAMO0018	No	00916	CALCIUM, TOTAL (MG/L AS CA)	12/27/77-05/02/91	13	120	
SAMO0027	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	05/11/88-05/02/91	2	39	
SAMO0028	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/04/71-03/21/84	12	151	
SAMO0061	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/04/71-05/02/91	19	172	T,A
SAMO0094	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	12/01/73-01/04/74	0	2	
SAMO0101	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	05/11/88-02/09/89	0	4	
SAMO0008	No	00918	CALCIUM,TOTAL RECOVERABLE IN WATER AS CA MG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	00918	CALCIUM,TOTAL RECOVERABLE IN WATER AS CA MG/L	10/17/86-10/17/86	0	1	
SAMO0016	No	00918	CALCIUM,TOTAL RECOVERABLE IN WATER AS CA MG/L	11/03/86-11/03/86	0	1	
SAMO0023	No	00918	CALCIUM,TOTAL RECOVERABLE IN WATER AS CA MG/L	11/03/86-11/03/86	0	1	
SAMO0025	No	00918	CALCIUM,TOTAL RECOVERABLE IN WATER AS CA MG/L	11/20/86-11/20/86	0	1	
SAMO0031	No	00918	CALCIUM,TOTAL RECOVERABLE IN WATER AS CA MG/L	11/20/86-11/20/86	0	1	
SAMO0060	Yes	00918	CALCIUM,TOTAL RECOVERABLE IN WATER AS CA MG/L	12/15/86-12/15/86	0	1	
SAMO0151	No	00918	CALCIUM,TOTAL RECOVERABLE IN WATER AS CA MG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	00918	CALCIUM,TOTAL RECOVERABLE IN WATER AS CA MG/L	12/11/86-12/11/86	0	1	
SAMO0008	No	00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	10/17/86-10/17/86	0	1	
SAMO0016	No	00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	11/03/86-11/03/86	0	1	
SAMO0023	No	00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	11/03/86-11/03/86	0	1	
SAMO0025	No	00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	11/20/86-11/20/86	0	1	
SAMO0031	No	00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	11/20/86-11/20/86	0	1	
SAMO0060	Yes	00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	12/15/86-12/15/86	0	1	
SAMO0151	No	00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	12/11/86-12/11/86	0	1	
SAMO0008	No	00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	10/17/86-10/17/86	0	1	
SAMO0016	No	00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	11/03/86-11/03/86	0	1	
SAMO0023	No	00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	11/03/86-11/03/86	0	1	
SAMO0025	No	00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	11/20/86-11/20/86	0	1	
SAMO0031	No	00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	11/20/86-11/20/86	0	1	
SAMO0060	Yes	00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	12/15/86-12/15/86	0	1	
SAMO0151	No	00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	12/11/86-12/11/86	0	1	
SAMO0001	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/22/51-03/03/77	25	110	T,S
SAMO0004	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/28/74-02/03/75	0	3	
SAMO0005	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/28/74-02/03/75	0	3	
SAMO0015	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/18/74-03/04/78	3	22	
SAMO0029	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/02/82-08/03/88	6	15	
SAMO0030	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/05/72-02/28/78	5	61	
SAMO0032	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/01/82-09/17/87	5	13	
SAMO0054	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/18/82-02/01/86	3	7	
SAMO0055	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/18/66-09/27/76	9	109	
SAMO0056	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/23/64-03/23/64	0	1	
SAMO0059	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/01/82-08/04/88	6	4	
SAMO0062	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/16/52-05/17/88	36	58	S
SAMO0063	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/16/52-12/02/52	0	2	
SAMO0064	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/27/56-04/02/65	9	4	
SAMO0066	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	12/17/87-08/03/88	0	2	
SAMO0067	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/27/56-04/02/65	9	4	
SAMO0068	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/28/74-02/03/75	0	3	
SAMO0069	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/02/82-08/02/88	6	15	
SAMO0073	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/04/88-08/04/88	0	1	
SAMO0075	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	12/12/51-01/07/53	1	3	
SAMO0076	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/07/52-12/02/52	0	3	
SAMO0079	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/19/62-11/29/70	8	2	
SAMO0080	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/09/62-04/02/65	3	3	
SAMO0083	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/05/88-08/05/88	0	1	
SAMO0084	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/02/82-07/14/83	1	4	
SAMO0086	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/10/82-02/17/86	3	4	
SAMO0087	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/01/82-08/29/84	2	9	
SAMO0088	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/18/82-08/02/88	6	5	
SAMO0090	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/17/86-07/23/86	0	2	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot



# Station/Parameter Period of Record Tabulation From 01/01/01 To 09/02/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
SAMO0091	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/05/88-08/05/88	0	1	
SAMO0092	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/25/85-12/17/87	2	3	
SAMO0097	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/07/52-08/17/77	25	18	
SAMO0098	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/02/93-09/02/93	0	1	
SAMO0100	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/23/64-03/23/64	0	1	
SAMO0102	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/23/90-09/05/90	0	2	
SAMO0103	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/23/90-08/31/93	3	3	
SAMO0105	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/12/83-03/10/86	2	2	
SAMO0107	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/05/88-08/05/88	0	1	
SAMO0110	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/27/56-11/29/70	14	3	
SAMO0111	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/12/79-04/12/79	0	1	
SAMO0112	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/13/57-04/12/79	22	4	
SAMO0114	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/16/52-02/27/53	0	5	
SAMO0116	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/27/56-01/27/56	0	1	
SAMO0117	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/26/78-09/26/78	0	1	
SAMO0119	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/09/62-02/19/62	0	2	
SAMO0120	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/23/90-09/01/93	3	3	
SAMO0122	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/27/56-04/02/65	9	3	
SAMO0123	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/06/52-06/06/52	0	1	
SAMO0124	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/10/90-07/10/90	0	1	
SAMO0125	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/25/74-02/25/74	0	1	
SAMO0126	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/19/62-02/19/62	0	1	
SAMO0127	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/10/86-03/10/86	0	1	
SAMO0128	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/13/86-02/13/86	0	1	
SAMO0131	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/17/82-02/13/86	3	2	
SAMO0132	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/27/56-02/25/74	18	3	
SAMO0133	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/29/78-06/29/78	0	1	
SAMO0135	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/10/90-07/10/90	0	1	
SAMO0136	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/06/52-11/29/70	18	9	
SAMO0137	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/09/62-02/09/62	0	1	
SAMO0138	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/17/82-02/13/86	3	4	
SAMO0140	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/22/58-04/22/58	0	1	
SAMO0141	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/01/83-03/10/86	3	3	
SAMO0142	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/10/86-03/10/86	0	1	
SAMO0143	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/15/52-11/29/70	18	8	
SAMO0144	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/09/62-02/09/62	0	1	
SAMO0147	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/07/52-04/08/58	6	4	
SAMO0149	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/27/56-01/27/56	0	1	
SAMO0150	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/27/56-02/14/61	5	2	
SAMO0152	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/26/56-11/20/63	7	5	
SAMO0154	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/16/62-02/16/62	0	1	
SAMO0155	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/07/53-04/07/53	0	1	
SAMO0156	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/08/52-11/29/70	18	8	
SAMO0157	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/12/61-09/12/61	0	1	
SAMO0158	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/12/61-09/12/61	0	1	
SAMO0160	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/14/61-02/14/61	0	1	
SAMO0162	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/08/52-04/08/52	0	1	
SAMO0164	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/14/61-02/14/61	0	1	
SAMO0168	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/03/61-03/03/61	0	1	
SAMO0169	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/14/61-02/14/61	0	1	
SAMO0170	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/04/52-01/14/53	0	2	
SAMO0171	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/03/61-03/03/61	0	1	
SAMO0172	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/03/61-03/03/61	0	1	
SAMO0173	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/06/52-02/14/61	8	3	
SAMO0175	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/06/52-02/27/53	0	2	
SAMO0176	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/03/61-03/03/61	0	1	
SAMO0177	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/14/61-02/14/61	0	2	
SAMO0178	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/03/61-03/03/61	0	1	
SAMO0179	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/03/61-03/03/61	0	1	
SAMO0180	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/12/61-09/12/61	0	1	
SAMO0182	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/06/52-01/14/53	0	2	
SAMO0184	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/17/60-11/17/60	0	1	
SAMO0002	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/05/67-05/16/91	23	206	T,A,S
SAMO0003	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/04/74-02/03/75	1	4	
SAMO0006	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/04/74-02/03/75	1	4	
SAMO0014	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/18/74-05/02/91	16	136	
SAMO0018	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	12/27/77-05/02/91	13	120	
SAMO0027	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	05/11/88-05/02/91	2	39	
SAMO0028	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/04/71-03/21/84	12	151	
SAMO0061	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/04/71-05/02/91	19	172	T,A
SAMO0094	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	12/01/73-01/04/74	0	2	
SAMO0101	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	05/11/88-02/09/89	0	4	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 01/01/01 To 09/02/93**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
SAMO0002	No	00929	SODIUM, TOTAL (MG/L AS NA)	07/05/67-05/16/91	23	206	T,A,S
SAMO0003	No	00929	SODIUM, TOTAL (MG/L AS NA)	01/04/74-02/03/75	1	4	
SAMO0006	No	00929	SODIUM, TOTAL (MG/L AS NA)	01/04/74-02/03/75	1	4	
SAMO0014	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	07/18/74-05/02/91	16	136	
SAMO0018	No	00929	SODIUM, TOTAL (MG/L AS NA)	12/27/77-05/02/91	13	119	
SAMO0027	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	05/11/88-05/02/91	2	39	
SAMO0028	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	08/04/71-03/21/84	12	152	
SAMO0061	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	08/04/71-05/02/91	19	172	T,A
SAMO0094	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	12/01/73-01/04/74	0	2	
SAMO0101	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	05/11/88-02/09/89	0	4	
SAMO0001	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/22/51-03/03/77	25	110	T,S
SAMO0004	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/28/74-02/03/75	0	3	
SAMO0005	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/28/74-02/03/75	0	3	
SAMO0015	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/18/74-03/04/78	3	20	
SAMO0029	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	01/02/82-08/03/88	6	15	
SAMO0030	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/05/72-02/28/78	5	61	
SAMO0032	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	01/01/82-09/17/87	5	13	
SAMO0054	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/18/82-02/01/86	3	7	
SAMO0055	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/18/66-09/27/76	9	109	
SAMO0056	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/23/64-03/23/64	0	1	
SAMO0059	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	01/01/82-08/04/88	6	4	
SAMO0062	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	01/16/52-05/17/88	36	59	S
SAMO0063	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/16/52-12/02/52	0	2	
SAMO0064	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	01/27/56-04/02/65	9	4	
SAMO0066	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	12/17/87-08/03/88	0	2	
SAMO0067	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	01/27/56-04/02/65	9	4	
SAMO0068	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/28/74-02/03/75	0	3	
SAMO0069	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	01/02/82-08/02/88	6	15	
SAMO0073	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/04/88-08/04/88	0	1	
SAMO0075	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	12/12/51-01/07/53	1	3	
SAMO0076	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/07/52-12/02/52	0	3	
SAMO0079	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	02/19/62-11/29/70	8	2	
SAMO0080	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	02/09/62-04/02/65	3	3	
SAMO0083	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/05/88-08/05/88	0	1	
SAMO0084	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	01/02/82-07/14/83	1	4	
SAMO0086	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	11/10/82-02/17/86	3	4	
SAMO0087	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	01/01/82-08/29/84	2	9	
SAMO0088	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/18/82-08/02/88	6	5	
SAMO0090	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	02/17/86-07/23/86	0	2	
SAMO0091	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/05/88-08/05/88	0	1	
SAMO0092	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	11/25/85-12/17/87	2	3	
SAMO0097	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/07/52-08/17/77	25	18	
SAMO0098	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/02/93-09/02/93	0	1	
SAMO0100	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/23/64-03/23/64	0	1	
SAMO0102	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/23/90-09/05/90	0	2	
SAMO0103	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/23/90-08/31/93	3	3	
SAMO0105	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/12/83-03/10/86	2	2	
SAMO0107	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/05/88-08/05/88	0	1	
SAMO0110	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	01/27/56-11/29/70	14	3	
SAMO0111	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/12/79-04/12/79	0	1	
SAMO0112	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	01/13/57-04/12/79	22	4	
SAMO0114	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/16/52-02/27/53	0	5	
SAMO0116	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	01/27/56-01/27/56	0	1	
SAMO0117	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/26/78-09/26/78	0	1	
SAMO0119	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	02/09/62-02/19/62	0	2	
SAMO0120	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/23/90-09/01/93	3	3	
SAMO0122	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	01/27/56-04/02/65	9	3	
SAMO0123	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/06/52-06/06/52	0	1	
SAMO0124	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/10/90-07/10/90	0	1	
SAMO0125	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	02/25/74-02/25/74	0	1	
SAMO0126	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	02/19/62-02/19/62	0	1	
SAMO0127	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/10/86-03/10/86	0	1	
SAMO0128	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	02/13/86-02/13/86	0	1	
SAMO0131	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/17/82-02/13/86	3	2	
SAMO0132	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	01/27/56-02/25/74	18	3	
SAMO0133	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/29/78-06/29/78	0	1	
SAMO0135	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/10/90-07/10/90	0	1	
SAMO0136	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	02/06/52-11/29/70	18	9	
SAMO0137	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	02/09/62-02/09/62	0	1	
SAMO0138	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/17/82-02/13/86	3	4	
SAMO0140	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/22/58-04/22/58	0	1	
SAMO0141	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/01/83-03/10/86	3	3	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 01/01/01 To 09/02/93**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
SAMO0142	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/10/86-03/10/86	0	1	
SAMO0143	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	01/15/52-11/29/70	18	8	
SAMO0144	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	02/09/62-02/09/62	0	1	
SAMO0147	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/07/52-04/08/58	6	4	
SAMO0149	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	01/27/56-01/27/56	0	1	
SAMO0150	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	01/27/56-02/14/61	5	2	
SAMO0152	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	01/26/56-11/20/63	7	5	
SAMO0154	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	02/16/62-02/16/62	0	1	
SAMO0155	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/07/53-04/07/53	0	1	
SAMO0156	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/08/52-11/29/70	18	8	
SAMO0157	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/12/61-09/12/61	0	1	
SAMO0158	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/12/61-09/12/61	0	1	
SAMO0160	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	02/14/61-02/14/61	0	1	
SAMO0162	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/08/52-04/08/52	0	1	
SAMO0164	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	02/14/61-02/14/61	0	1	
SAMO0168	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/03/61-03/03/61	0	1	
SAMO0169	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	02/14/61-02/14/61	0	1	
SAMO0170	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/04/52-01/14/53	0	2	
SAMO0171	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/03/61-03/03/61	0	1	
SAMO0172	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/03/61-03/03/61	0	1	
SAMO0173	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/06/52-02/14/61	8	3	
SAMO0175	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/06/52-02/27/53	0	2	
SAMO0176	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/03/61-03/03/61	0	1	
SAMO0177	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	02/14/61-02/14/61	0	1	
SAMO0178	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/03/61-03/03/61	0	1	
SAMO0179	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/03/61-03/03/61	0	1	
SAMO0180	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/12/61-09/12/61	0	1	
SAMO0182	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/06/52-01/14/53	0	2	
SAMO0184	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	11/17/60-11/17/60	0	1	
SAMO0029	Yes	00931	SODIUM ADSORPTION RATIO	01/02/82-03/02/83	1	4	
SAMO0032	Yes	00931	SODIUM ADSORPTION RATIO	01/01/82-02/01/86	4	5	
SAMO0054	Yes	00931	SODIUM ADSORPTION RATIO	03/18/82-02/01/86	3	3	
SAMO0055	No	00931	SODIUM ADSORPTION RATIO	10/17/67-09/27/76	8	104	
SAMO0059	Yes	00931	SODIUM ADSORPTION RATIO	01/01/82-07/28/82	0	3	
SAMO0069	Yes	00931	SODIUM ADSORPTION RATIO	01/02/82-02/01/86	4	5	
SAMO0084	Yes	00931	SODIUM ADSORPTION RATIO	01/02/82-07/27/82	0	3	
SAMO0086	Yes	00931	SODIUM ADSORPTION RATIO	11/10/82-03/02/83	0	2	
SAMO0087	Yes	00931	SODIUM ADSORPTION RATIO	01/01/82-03/01/83	1	4	
SAMO0088	Yes	00931	SODIUM ADSORPTION RATIO	03/18/82-03/18/82	0	1	
SAMO0092	Yes	00931	SODIUM ADSORPTION RATIO	11/25/85-11/25/85	0	1	
SAMO0105	Yes	00931	SODIUM ADSORPTION RATIO	03/10/86-03/10/86	0	1	
SAMO0127	Yes	00931	SODIUM ADSORPTION RATIO	03/10/86-03/10/86	0	1	
SAMO0131	Yes	00931	SODIUM ADSORPTION RATIO	03/17/82-02/13/86	3	2	
SAMO0138	No	00931	SODIUM ADSORPTION RATIO	03/17/82-02/13/86	3	3	
SAMO0141	No	00931	SODIUM ADSORPTION RATIO	03/01/83-03/10/86	3	2	
SAMO0029	Yes	00932	SODIUM, PERCENT	01/02/82-03/02/83	1	4	
SAMO0032	Yes	00932	SODIUM, PERCENT	01/01/82-02/01/86	4	5	
SAMO0054	Yes	00932	SODIUM, PERCENT	03/18/82-02/01/86	3	3	
SAMO0055	No	00932	SODIUM, PERCENT	10/17/67-09/27/76	8	104	
SAMO0059	Yes	00932	SODIUM, PERCENT	01/01/82-07/28/82	0	3	
SAMO0069	Yes	00932	SODIUM, PERCENT	01/02/82-02/01/86	4	5	
SAMO0084	Yes	00932	SODIUM, PERCENT	01/02/82-07/27/82	0	3	
SAMO0086	Yes	00932	SODIUM, PERCENT	11/10/82-03/02/83	0	2	
SAMO0087	Yes	00932	SODIUM, PERCENT	01/01/82-03/01/83	1	4	
SAMO0088	Yes	00932	SODIUM, PERCENT	03/18/82-03/18/82	0	1	
SAMO0092	Yes	00932	SODIUM, PERCENT	11/25/85-11/25/85	0	1	
SAMO0105	Yes	00932	SODIUM, PERCENT	03/10/86-03/10/86	0	1	
SAMO0127	Yes	00932	SODIUM, PERCENT	03/10/86-03/10/86	0	1	
SAMO0131	Yes	00932	SODIUM, PERCENT	03/17/82-02/13/86	3	2	
SAMO0138	No	00932	SODIUM, PERCENT	03/17/82-02/13/86	3	3	
SAMO0141	No	00932	SODIUM, PERCENT	03/01/83-03/10/86	3	2	
SAMO0001	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/51-03/03/77	25	110	T,S
SAMO0004	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/28/74-02/03/75	0	3	
SAMO0005	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/28/74-02/03/75	0	3	
SAMO0015	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/18/74-03/04/78	3	19	
SAMO0029	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/02/82-08/03/88	6	15	
SAMO0030	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/05/72-02/28/78	5	61	
SAMO0032	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/01/82-09/17/87	5	13	
SAMO0054	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/18/82-02/01/86	3	7	
SAMO0055	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/18/66-09/27/76	9	109	
SAMO0056	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/23/64-03/23/64	0	1	
SAMO0059	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/01/82-08/04/88	6	4	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 01/01/01 To 09/02/93**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
SAMO0062	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/16/52-05/17/88	36	59	S
SAMO0063	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/16/52-12/02/52	0	2	
SAMO0064	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/27/56-04/02/65	9	4	
SAMO0066	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	12/17/87-08/03/88	0	2	
SAMO0067	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/27/56-04/02/65	9	4	
SAMO0068	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/28/74-02/03/75	0	3	
SAMO0069	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/02/82-08/02/88	6	15	
SAMO0073	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/04/88-08/04/88	0	1	
SAMO0075	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/16/52-01/07/53	0	2	
SAMO0076	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	12/02/52-12/02/52	0	1	
SAMO0079	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/19/62-11/29/70	8	2	
SAMO0080	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/09/62-04/02/65	3	3	
SAMO0083	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/05/88-08/05/88	0	1	
SAMO0084	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/02/82-07/14/83	1	4	
SAMO0086	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/10/82-02/17/86	3	4	
SAMO0087	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/01/82-08/29/84	2	9	
SAMO0088	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/18/82-08/02/88	6	5	
SAMO0090	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/17/86-07/23/86	0	2	
SAMO0091	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/05/88-08/05/88	0	1	
SAMO0092	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/25/85-12/17/87	2	3	
SAMO0097	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/16/52-08/17/77	25	16	
SAMO0098	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/02/93-09/02/93	0	1	
SAMO0100	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/23/64-03/23/64	0	1	
SAMO0102	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/23/90-09/05/90	0	2	
SAMO0103	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/23/90-08/31/93	3	3	
SAMO0105	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/12/83-03/10/86	2	2	
SAMO0107	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/05/88-08/05/88	0	1	
SAMO0110	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/27/56-11/29/70	14	3	
SAMO0111	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/12/79-04/12/79	0	1	
SAMO0112	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/13/57-04/12/79	22	4	
SAMO0114	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/16/52-02/27/53	0	4	
SAMO0116	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/27/56-01/27/56	0	1	
SAMO0119	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/09/62-02/19/62	0	2	
SAMO0120	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/23/90-09/01/93	3	3	
SAMO0122	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/27/56-04/02/65	9	3	
SAMO0124	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/10/90-07/10/90	0	1	
SAMO0125	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/25/74-02/25/74	0	1	
SAMO0126	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/19/62-02/19/62	0	1	
SAMO0127	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/10/86-03/10/86	0	1	
SAMO0128	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/13/86-02/13/86	0	1	
SAMO0131	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/17/82-02/13/86	3	2	
SAMO0132	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/27/56-02/25/74	18	3	
SAMO0133	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/29/78-06/29/78	0	1	
SAMO0135	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/10/90-07/10/90	0	1	
SAMO0136	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/06/52-11/29/70	18	7	
SAMO0137	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/09/62-02/09/62	0	1	
SAMO0138	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/17/82-02/13/86	3	4	
SAMO0140	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/22/58-04/22/58	0	1	
SAMO0141	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/01/83-03/10/86	3	3	
SAMO0142	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/10/86-03/10/86	0	1	
SAMO0143	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/15/52-11/29/70	18	6	
SAMO0144	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/09/62-02/09/62	0	1	
SAMO0147	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/08/58-04/08/58	0	1	
SAMO0149	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/27/56-01/27/56	0	1	
SAMO0150	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/27/56-02/14/61	5	2	
SAMO0152	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/26/56-11/20/63	7	5	
SAMO0154	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/16/62-02/16/62	0	1	
SAMO0155	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/07/53-04/07/53	0	1	
SAMO0156	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/08/52-11/29/70	18	8	
SAMO0157	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/12/61-09/12/61	0	1	
SAMO0158	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/12/61-09/12/61	0	1	
SAMO0160	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/14/61-02/14/61	0	1	
SAMO0162	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/08/52-04/08/52	0	1	
SAMO0164	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/14/61-02/14/61	0	1	
SAMO0168	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/03/61-03/03/61	0	1	
SAMO0169	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/14/61-02/14/61	0	1	
SAMO0170	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/04/52-01/14/53	0	2	
SAMO0171	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/03/61-03/03/61	0	1	
SAMO0172	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/03/61-03/03/61	0	1	
SAMO0173	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/04/52-02/14/61	8	2	
SAMO0175	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/27/53-02/27/53	0	1	
SAMO0176	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/03/61-03/03/61	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 01/01/01 To 09/02/93**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
SAMO0177	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/14/61-02/14/61	0	1	
SAMO0178	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/03/61-03/03/61	0	1	
SAMO0179	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/03/61-03/03/61	0	1	
SAMO0180	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/12/61-09/12/61	0	1	
SAMO0181	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/12/61-09/12/61	0	1	
SAMO0182	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/14/53-01/14/53	0	1	
SAMO0184	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/17/60-11/17/60	0	1	
SAMO0002	No	00937	POTASSIUM, TOTAL MG/L AS K)	07/05/67-05/16/91	23	206	T,A,S
SAMO0003	No	00937	POTASSIUM, TOTAL MG/L AS K)	01/04/74-02/03/75	1	4	
SAMO0006	No	00937	POTASSIUM, TOTAL MG/L AS K)	01/04/74-02/03/75	1	4	
SAMO0014	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	07/18/74-05/02/91	16	135	
SAMO0018	No	00937	POTASSIUM, TOTAL MG/L AS K)	12/27/77-05/02/91	13	119	
SAMO0027	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	05/11/88-05/02/91	2	39	
SAMO0028	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	08/04/71-03/21/84	12	152	
SAMO0061	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	08/04/71-05/02/91	19	172	T,A
SAMO0094	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	12/01/73-01/04/74	0	2	
SAMO0101	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	05/11/88-02/09/89	0	4	
SAMO0008	No	00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	10/17/86-10/17/86	0	1	
SAMO0016	No	00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	11/03/86-11/03/86	0	1	
SAMO0023	No	00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	11/03/86-11/03/86	0	1	
SAMO0025	No	00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	11/20/86-11/20/86	0	1	
SAMO0031	No	00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	11/20/86-11/20/86	0	1	
SAMO0060	Yes	00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	12/15/86-12/15/86	0	1	
SAMO0151	No	00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	12/11/86-12/11/86	0	1	
SAMO0002	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/05/67-05/16/91	23	221	T,A,S
SAMO0003	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/04/74-02/03/75	1	4	
SAMO0006	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/04/74-02/03/75	1	4	
SAMO0008	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/17/86-10/17/86	0	1	
SAMO0014	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/18/74-05/02/91	16	139	
SAMO0016	No	00940	CHLORIDE,TOTAL IN WATER MG/L	11/03/86-11/03/86	0	1	
SAMO0018	No	00940	CHLORIDE,TOTAL IN WATER MG/L	12/27/77-05/02/91	13	118	
SAMO0023	No	00940	CHLORIDE,TOTAL IN WATER MG/L	11/03/86-11/03/86	0	1	
SAMO0025	No	00940	CHLORIDE,TOTAL IN WATER MG/L	11/20/86-11/20/86	0	1	
SAMO0027	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	05/11/88-05/02/91	2	39	
SAMO0028	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/04/71-03/21/84	12	166	A
SAMO0029	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	01/02/82-08/03/88	6	15	
SAMO0031	No	00940	CHLORIDE,TOTAL IN WATER MG/L	11/20/86-11/20/86	0	1	
SAMO0032	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	01/01/82-08/03/88	6	14	
SAMO0054	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	03/18/82-02/01/86	3	7	
SAMO0055	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/18/66-09/27/76	9	109	
SAMO0059	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	01/01/82-08/04/88	6	4	
SAMO0060	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	12/15/86-12/15/86	0	1	
SAMO0061	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/04/71-05/02/91	19	186	T,A
SAMO0066	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	12/17/87-08/03/88	0	2	
SAMO0069	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	01/02/82-08/02/88	6	15	
SAMO0073	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/04/88-08/04/88	0	1	
SAMO0083	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/05/88-08/05/88	0	1	
SAMO0084	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	01/02/82-07/14/83	1	4	
SAMO0086	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	11/10/82-02/17/86	3	4	
SAMO0087	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	01/01/82-08/29/84	2	9	
SAMO0088	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	03/18/82-08/02/88	6	5	
SAMO0090	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	02/17/86-07/23/86	0	2	
SAMO0091	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/05/88-08/05/88	0	1	
SAMO0092	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	11/25/85-12/17/87	2	3	
SAMO0094	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	12/01/73-01/04/74	0	2	
SAMO0098	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/02/93-09/02/93	0	1	
SAMO0101	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	05/11/88-02/09/89	0	4	
SAMO0102	No	00940	CHLORIDE,TOTAL IN WATER MG/L	05/23/90-08/31/93	3	3	
SAMO0103	No	00940	CHLORIDE,TOTAL IN WATER MG/L	05/23/90-08/31/93	3	3	
SAMO0105	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/12/83-03/10/86	2	2	
SAMO0107	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/05/88-08/05/88	0	1	
SAMO0109	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/02/93-09/02/93	0	1	
SAMO0113	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/01/93-09/01/93	0	1	
SAMO0120	No	00940	CHLORIDE,TOTAL IN WATER MG/L	05/23/90-09/01/93	3	3	
SAMO0124	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/10/90-07/10/90	0	1	
SAMO0127	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	03/10/86-03/10/86	0	1	
SAMO0128	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	02/13/86-02/13/86	0	1	
SAMO0131	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	03/17/82-02/13/86	3	2	
SAMO0135	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/10/90-07/10/90	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

# **Station/Parameter Period of Record Tabulation** **From 01/01/01 To 09/02/93**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
SAMO0138	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/17/82-02/13/86	3	4	
SAMO0141	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/01/83-03/10/86	3	3	
SAMO0142	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	03/10/86-03/10/86	0	1	
SAMO0151	No	00940	CHLORIDE,TOTAL IN WATER MG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	00940	CHLORIDE,TOTAL IN WATER MG/L	12/11/86-12/11/86	0	1	
SAMO0001	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/22/51-08/07/78	26	125	T,S
SAMO0004	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/28/74-02/03/75	0	3	
SAMO0005	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/28/74-02/03/75	0	3	
SAMO0015	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/18/74-07/21/78	4	27	
SAMO0030	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/05/72-09/20/78	6	76	
SAMO0056	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/23/64-03/23/64	0	1	
SAMO0062	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	01/16/52-05/17/88	36	73	S
SAMO0063	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	04/16/52-12/02/52	0	2	
SAMO0064	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	01/27/56-04/02/65	9	4	
SAMO0065	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	04/08/52-04/08/52	0	1	
SAMO0067	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	01/27/56-04/02/65	9	4	
SAMO0068	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/28/74-02/03/75	0	3	
SAMO0074	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/08/52-03/08/52	0	1	
SAMO0075	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	12/12/51-01/07/53	1	4	
SAMO0076	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/07/52-12/02/52	0	3	
SAMO0079	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	02/19/62-11/29/70	8	2	
SAMO0080	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	02/09/62-04/02/65	3	3	
SAMO0097	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/07/52-08/17/77	25	19	
SAMO0099	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	04/08/52-04/16/52	0	2	
SAMO0100	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/23/64-03/23/64	0	1	
SAMO0110	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	01/27/56-11/29/70	14	3	
SAMO0111	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	04/12/79-04/12/79	0	1	
SAMO0112	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	01/13/57-04/12/79	22	4	
SAMO0114	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/19/52-02/27/53	0	7	
SAMO0116	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	01/27/56-01/27/56	0	1	
SAMO0117	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/26/78-09/26/78	0	1	
SAMO0119	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	02/09/62-02/19/62	0	2	
SAMO0122	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	01/27/56-04/02/65	9	3	
SAMO0123	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/06/52-06/06/52	0	1	
SAMO0125	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	02/25/74-02/25/74	0	1	
SAMO0126	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	02/19/62-02/19/62	0	1	
SAMO0132	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	01/27/56-02/25/74	18	3	
SAMO0133	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/29/78-06/29/78	0	1	
SAMO0136	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	02/06/52-11/29/70	18	10	
SAMO0137	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	02/09/62-02/09/62	0	1	
SAMO0140	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	04/22/58-04/22/58	0	1	
SAMO0143	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	01/15/52-11/29/70	18	9	
SAMO0144	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	02/09/62-02/09/62	0	1	
SAMO0147	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	01/07/52-04/08/58	6	5	
SAMO0149	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	01/27/56-01/27/56	0	1	
SAMO0150	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	01/27/56-02/14/61	5	2	
SAMO0152	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	01/26/56-11/20/63	7	5	
SAMO0154	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	02/16/62-02/16/62	0	1	
SAMO0155	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	04/07/53-04/07/53	0	1	
SAMO0156	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	04/08/52-11/29/70	18	8	
SAMO0157	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/12/61-09/12/61	0	1	
SAMO0158	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/12/61-09/12/61	0	1	
SAMO0160	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	02/14/61-02/14/61	0	1	
SAMO0162	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	04/08/52-04/08/52	0	1	
SAMO0163	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/12/61-09/12/61	0	1	
SAMO0164	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	02/14/61-02/14/61	0	1	
SAMO0168	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/03/61-03/03/61	0	1	
SAMO0169	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	02/14/61-02/14/61	0	1	
SAMO0170	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/04/52-01/14/53	0	2	
SAMO0171	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/03/61-03/03/61	0	1	
SAMO0172	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/03/61-03/03/61	0	1	
SAMO0173	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/06/52-02/14/61	8	3	
SAMO0175	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/06/52-02/27/53	0	2	
SAMO0176	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/03/61-03/03/61	0	1	
SAMO0177	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	02/14/61-02/14/61	0	2	
SAMO0178	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/03/61-03/03/61	0	1	
SAMO0179	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/03/61-03/03/61	0	1	
SAMO0180	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/12/61-09/12/61	0	1	
SAMO0181	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/12/61-09/12/61	0	1	
SAMO0182	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/06/52-01/14/53	0	2	
SAMO0183	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/10/79-07/23/82	2	3	
SAMO0184	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	11/17/60-11/17/60	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 01/01/01 To 09/02/93**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
SAMO0002	No	00945	SULFATE, TOTAL (MG/L AS SO4)	07/05/67-05/16/91	23	221	T,A,S
SAMO0003	No	00945	SULFATE, TOTAL (MG/L AS SO4)	01/04/74-02/03/75	1	4	
SAMO0006	No	00945	SULFATE, TOTAL (MG/L AS SO4)	01/04/74-02/03/75	1	4	
SAMO0008	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/31/86-10/31/86	0	1	
SAMO0013	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/17/86-10/17/86	0	1	
SAMO0014	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/18/74-05/02/91	16	141	
SAMO0016	No	00945	SULFATE, TOTAL (MG/L AS SO4)	11/03/86-11/03/86	0	1	
SAMO0018	No	00945	SULFATE, TOTAL (MG/L AS SO4)	12/27/77-05/02/91	13	119	
SAMO0023	No	00945	SULFATE, TOTAL (MG/L AS SO4)	11/03/86-11/03/86	0	1	
SAMO0025	No	00945	SULFATE, TOTAL (MG/L AS SO4)	11/20/86-11/20/86	0	1	
SAMO0027	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	05/11/88-05/02/91	2	39	
SAMO0028	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/04/71-03/21/84	12	167	A
SAMO0029	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	01/02/82-08/03/88	6	15	
SAMO0031	No	00945	SULFATE, TOTAL (MG/L AS SO4)	11/20/86-11/20/86	0	1	
SAMO0032	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	01/01/82-08/03/88	6	14	
SAMO0054	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	03/18/82-02/01/86	3	7	
SAMO0055	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/18/66-09/27/76	9	109	
SAMO0059	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	01/01/82-08/04/88	6	4	
SAMO0060	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	12/15/86-12/15/86	0	1	
SAMO0061	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/04/71-05/02/91	19	187	T,A
SAMO0066	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	12/17/87-08/03/88	0	2	
SAMO0069	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	01/02/82-08/02/88	6	15	
SAMO0073	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/04/88-08/04/88	0	1	
SAMO0083	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/05/88-08/05/88	0	1	
SAMO0084	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	01/02/82-07/14/83	1	4	
SAMO0086	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	11/10/82-02/17/86	3	4	
SAMO0087	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	01/01/82-08/29/84	2	9	
SAMO0088	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	03/18/82-08/02/88	6	5	
SAMO0090	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	02/17/86-07/23/86	0	2	
SAMO0091	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/05/88-08/05/88	0	1	
SAMO0092	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	11/25/85-12/17/87	2	3	
SAMO0094	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	12/01/73-01/04/74	0	2	
SAMO0098	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/02/93-09/02/93	0	1	
SAMO0101	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	05/11/88-02/09/89	0	4	
SAMO0102	No	00945	SULFATE, TOTAL (MG/L AS SO4)	05/23/90-09/05/90	0	2	
SAMO0103	No	00945	SULFATE, TOTAL (MG/L AS SO4)	05/23/90-08/31/93	3	3	
SAMO0105	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/12/83-03/10/86	2	2	
SAMO0107	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/05/88-08/05/88	0	1	
SAMO0120	No	00945	SULFATE, TOTAL (MG/L AS SO4)	05/23/90-09/01/93	3	3	
SAMO0124	No	00945	SULFATE, TOTAL (MG/L AS SO4)	07/10/90-07/10/90	0	1	
SAMO0127	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	03/10/86-03/10/86	0	1	
SAMO0128	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	02/13/86-02/13/86	0	1	
SAMO0131	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	03/17/82-02/13/86	3	2	
SAMO0135	No	00945	SULFATE, TOTAL (MG/L AS SO4)	07/10/90-07/10/90	0	1	
SAMO0138	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/17/82-02/13/86	3	4	
SAMO0141	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/01/83-03/10/86	3	3	
SAMO0142	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	03/10/86-03/10/86	0	1	
SAMO0151	No	00945	SULFATE, TOTAL (MG/L AS SO4)	12/11/86-12/11/86	0	1	
SAMO0161	No	00945	SULFATE, TOTAL (MG/L AS SO4)	12/11/86-12/11/86	0	1	
SAMO0001	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/22/51-08/07/78	26	125	T,S
SAMO0004	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/28/74-02/03/75	0	3	
SAMO0005	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/28/74-02/03/75	0	3	
SAMO0015	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/18/74-07/21/78	4	28	
SAMO0030	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/05/72-09/20/78	6	77	
SAMO0056	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/23/64-03/23/64	0	1	
SAMO0062	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	01/16/52-05/17/88	36	74	S
SAMO0063	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	04/16/52-12/02/52	0	2	
SAMO0064	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	01/27/56-04/02/65	9	4	
SAMO0067	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	01/27/56-04/02/65	9	4	
SAMO0068	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/28/74-02/03/75	0	3	
SAMO0075	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	12/12/51-01/07/53	1	3	
SAMO0076	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/07/52-12/02/52	0	3	
SAMO0079	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	02/19/62-11/29/70	8	2	
SAMO0080	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	02/09/62-04/02/65	3	3	
SAMO0097	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/07/52-08/17/77	25	17	
SAMO0100	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/23/64-03/23/64	0	1	
SAMO0110	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	01/27/56-11/29/70	14	3	
SAMO0111	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	04/12/79-04/12/79	0	1	
SAMO0112	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	01/13/57-04/12/79	22	4	
SAMO0114	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	04/16/52-02/27/53	0	5	
SAMO0116	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	01/27/56-01/27/56	0	1	
SAMO0117	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/26/78-09/26/78	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 01/01/01 To 09/02/93**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
SAMO0119	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	02/09/62-02/19/62	0	2	
SAMO0122	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	01/27/56-04/02/65	9	3	
SAMO0123	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/06/52-06/06/52	0	1	
SAMO0125	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	02/25/74-02/25/74	0	1	
SAMO0126	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	02/19/62-02/19/62	0	1	
SAMO0132	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	01/27/56-02/25/74	18	3	
SAMO0133	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/29/78-06/29/78	0	1	
SAMO0136	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	02/06/52-11/29/70	18	9	
SAMO0137	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	02/09/62-02/09/62	0	1	
SAMO0140	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	04/22/58-04/22/58	0	1	
SAMO0143	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	01/15/52-11/29/70	18	8	
SAMO0144	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	02/09/62-02/09/62	0	1	
SAMO0147	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/07/52-04/08/58	6	4	
SAMO0149	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	01/27/56-01/27/56	0	1	
SAMO0150	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	01/27/56-02/14/61	5	2	
SAMO0152	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	01/26/56-11/20/63	7	5	
SAMO0154	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	02/16/62-02/16/62	0	1	
SAMO0156	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	01/27/56-11/29/70	14	4	
SAMO0157	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/12/61-09/12/61	0	1	
SAMO0158	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/12/61-09/12/61	0	1	
SAMO0164	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	02/14/61-02/14/61	0	1	
SAMO0168	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/03/61-03/03/61	0	1	
SAMO0169	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	02/14/61-02/14/61	0	1	
SAMO0170	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/04/52-08/04/52	0	1	
SAMO0171	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/03/61-03/03/61	0	1	
SAMO0172	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/03/61-03/03/61	0	1	
SAMO0173	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/06/52-02/14/61	8	3	
SAMO0175	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/06/52-06/06/52	0	1	
SAMO0176	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/03/61-03/03/61	0	1	
SAMO0177	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	02/14/61-02/14/61	0	2	
SAMO0178	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/03/61-03/03/61	0	1	
SAMO0179	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/03/61-03/03/61	0	1	
SAMO0180	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/12/61-09/12/61	0	1	
SAMO0182	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/06/52-01/14/53	0	2	
SAMO0184	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	11/17/60-11/17/60	0	1	
SAMO0001	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/22/51-04/02/65	13	2	
SAMO0008	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/31/86-10/31/86	0	1	
SAMO0013	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/17/86-10/17/86	0	1	
SAMO0015	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/27/77-03/04/78	0	6	
SAMO0016	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/03/86-11/03/86	0	1	
SAMO0023	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/03/86-11/03/86	0	1	
SAMO0025	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/20/86-11/20/86	0	1	
SAMO0029	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/02/82-08/03/88	6	15	
SAMO0030	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/10/78-02/28/78	0	4	
SAMO0031	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/20/86-11/20/86	0	1	
SAMO0032	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/01/82-08/03/88	6	14	
SAMO0054	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/18/82-02/01/86	3	7	
SAMO0055	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/18/66-09/27/76	9	109	
SAMO0056	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/23/64-03/23/64	0	1	
SAMO0059	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/01/82-08/04/88	6	4	
SAMO0060	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/15/86-12/15/86	0	1	
SAMO0062	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/16/52-02/08/78	26	5	
SAMO0064	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/09/62-04/02/65	3	3	
SAMO0066	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/17/87-08/03/88	0	2	
SAMO0067	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/19/62-04/02/65	3	3	
SAMO0069	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/02/82-08/02/88	6	15	
SAMO0073	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/04/88-08/04/88	0	1	
SAMO0075	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/12/51-12/12/51	0	1	
SAMO0079	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/19/62-11/29/70	8	2	
SAMO0080	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/09/62-04/02/65	3	3	
SAMO0083	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/05/88-08/05/88	0	1	
SAMO0084	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/02/82-07/14/83	1	4	
SAMO0086	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/10/82-02/17/86	3	4	
SAMO0087	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/01/82-08/29/84	2	9	
SAMO0088	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/18/82-08/02/88	6	5	
SAMO0090	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/17/86-07/23/86	0	2	
SAMO0091	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/05/88-08/05/88	0	1	
SAMO0092	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/25/85-12/17/87	2	3	
SAMO0097	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/04/58-08/17/77	19	13	
SAMO0098	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/02/93-09/02/93	0	1	
SAMO0100	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/23/64-03/23/64	0	1	
SAMO0102	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/23/90-09/05/90	0	2	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot



**Station/Parameter Period of Record Tabulation**  
**From 01/01/01 To 09/02/93**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
SAMO0103	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/23/90-08/31/93	3	3	
SAMO0105	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/12/83-03/10/86	2	2	
SAMO0107	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/05/88-08/05/88	0	1	
SAMO0110	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/19/62-11/29/70	8	2	
SAMO0111	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/12/79-04/12/79	0	1	
SAMO0112	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/04/58-04/12/79	21	3	
SAMO0117	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/26/78-09/26/78	0	1	
SAMO0119	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/09/62-02/19/62	0	2	
SAMO0120	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/23/90-09/01/93	3	3	
SAMO0122	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/09/62-04/02/65	3	2	
SAMO0124	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/10/90-07/10/90	0	1	
SAMO0125	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/25/74-02/25/74	0	1	
SAMO0126	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/19/62-02/19/62	0	1	
SAMO0127	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/10/86-03/10/86	0	1	
SAMO0128	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/13/86-02/13/86	0	1	
SAMO0131	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/17/82-02/13/86	3	2	
SAMO0132	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/27/56-02/25/74	18	3	
SAMO0133	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/29/78-06/29/78	0	1	
SAMO0135	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/10/90-07/10/90	0	1	
SAMO0136	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/06/52-11/29/70	18	5	
SAMO0137	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/09/62-02/09/62	0	1	
SAMO0138	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/17/82-02/13/86	3	4	
SAMO0140	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/22/58-04/22/58	0	1	
SAMO0141	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/01/83-03/10/86	3	3	
SAMO0142	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/10/86-03/10/86	0	1	
SAMO0143	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/19/55-11/29/70	15	4	
SAMO0144	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/09/62-02/09/62	0	1	
SAMO0147	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/08/58-04/08/58	0	1	
SAMO0150	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/14/61-02/14/61	0	1	
SAMO0151	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/11/86-12/11/86	0	1	
SAMO0152	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/16/57-11/20/63	5	4	
SAMO0154	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/16/62-02/16/62	0	1	
SAMO0156	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/27/56-11/29/70	14	5	
SAMO0157	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/12/61-09/12/61	0	1	
SAMO0158	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/12/61-09/12/61	0	1	
SAMO0160	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/14/61-02/14/61	0	1	
SAMO0161	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/11/86-12/11/86	0	1	
SAMO0163	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/12/61-09/12/61	0	1	
SAMO0164	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/14/61-02/14/61	0	1	
SAMO0168	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/03/61-03/03/61	0	1	
SAMO0169	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/14/61-02/14/61	0	1	
SAMO0170	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/04/52-08/04/52	0	1	
SAMO0171	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/03/61-03/03/61	0	1	
SAMO0172	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/03/61-03/03/61	0	1	
SAMO0173	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/14/61-02/14/61	0	1	
SAMO0176	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/03/61-03/03/61	0	1	
SAMO0177	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/14/61-02/14/61	0	2	
SAMO0178	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/03/61-03/03/61	0	1	
SAMO0179	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/03/61-03/03/61	0	1	
SAMO0180	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/12/61-09/12/61	0	1	
SAMO0181	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/12/61-09/12/61	0	1	
SAMO0184	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/17/60-11/17/60	0	1	
SAMO0002	No	00951	FLUORIDE, TOTAL (MG/L AS F)	12/01/82-05/16/91	8	51	
SAMO0014	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	12/27/77-05/02/91	13	82	
SAMO0018	No	00951	FLUORIDE, TOTAL (MG/L AS F)	12/27/77-05/02/91	13	80	
SAMO0027	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	05/11/88-05/02/91	2	39	
SAMO0028	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	04/03/72-03/21/84	11	35	
SAMO0061	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	12/27/77-05/02/91	13	68	
SAMO0101	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	05/11/88-02/09/89	0	4	
SAMO0001	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/22/51-08/22/51	0	1	
SAMO0014	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/22/87-12/16/87	0	2	
SAMO0029	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	01/02/82-08/03/88	6	15	
SAMO0032	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	01/01/82-09/17/87	5	13	
SAMO0054	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/18/82-02/01/86	3	7	
SAMO0055	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/18/66-09/27/76	9	109	
SAMO0056	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/23/64-03/23/64	0	1	
SAMO0059	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	01/01/82-08/04/88	6	4	
SAMO0062	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	01/16/52-01/16/52	0	1	
SAMO0064	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	02/09/62-02/19/62	0	2	
SAMO0066	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	12/17/87-08/03/88	0	2	
SAMO0067	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	02/19/62-09/02/62	0	2	
SAMO0069	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	01/02/82-08/02/88	6	15	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 01/01/01 To 09/02/93**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
SAMO0073	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/04/88-08/04/88	0	1	
SAMO0079	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	02/19/62-02/19/62	0	1	
SAMO0080	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	02/09/62-02/09/62	0	2	
SAMO0083	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/05/88-08/05/88	0	1	
SAMO0084	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	01/02/82-07/14/83	1	4	
SAMO0086	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	11/10/82-02/17/86	3	4	
SAMO0087	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	01/01/82-08/29/84	2	9	
SAMO0088	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/18/82-08/02/88	6	5	
SAMO0090	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	02/17/86-07/23/86	0	2	
SAMO0091	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/05/88-08/05/88	0	1	
SAMO0092	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	11/25/85-12/17/87	2	3	
SAMO0097	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	02/04/58-11/20/63	5	10	
SAMO0098	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/02/93-09/02/93	0	1	
SAMO0100	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/23/64-03/23/64	0	1	
SAMO0102	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/23/90-09/05/90	0	2	
SAMO0103	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/23/90-08/31/93	3	3	
SAMO0105	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/12/83-03/10/86	2	2	
SAMO0107	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/05/88-08/05/88	0	1	
SAMO0110	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	02/19/62-02/19/62	0	1	
SAMO0112	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	02/04/58-02/04/58	0	1	
SAMO0119	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	02/09/62-02/19/62	0	2	
SAMO0120	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/23/90-09/01/93	3	3	
SAMO0122	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	02/09/62-02/09/62	0	1	
SAMO0124	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/10/90-07/10/90	0	1	
SAMO0126	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	02/19/62-02/19/62	0	1	
SAMO0127	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/10/86-03/10/86	0	1	
SAMO0128	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	02/13/86-02/13/86	0	1	
SAMO0131	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/17/82-02/13/86	3	2	
SAMO0135	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/10/90-07/10/90	0	1	
SAMO0136	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	02/09/62-02/09/62	0	1	
SAMO0137	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	02/09/62-02/09/62	0	1	
SAMO0138	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/17/82-02/13/86	3	4	
SAMO0140	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/22/58-04/22/58	0	1	
SAMO0141	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/01/83-03/10/86	3	3	
SAMO0142	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/10/86-03/10/86	0	1	
SAMO0144	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	02/09/62-02/09/62	0	1	
SAMO0147	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/08/58-04/08/58	0	1	
SAMO0150	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	02/14/61-02/14/61	0	1	
SAMO0152	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	12/16/57-11/20/63	5	4	
SAMO0154	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	02/16/62-02/16/62	0	1	
SAMO0156	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	02/09/62-11/20/63	1	2	
SAMO0157	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/12/61-09/12/61	0	1	
SAMO0158	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/12/61-09/12/61	0	1	
SAMO0160	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	02/14/61-02/14/61	0	1	
SAMO0163	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/12/61-09/12/61	0	1	
SAMO0164	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	02/14/61-02/14/61	0	1	
SAMO0168	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/03/61-03/03/61	0	1	
SAMO0169	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	02/14/61-02/14/61	0	1	
SAMO0171	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/03/61-03/03/61	0	1	
SAMO0172	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/03/61-03/03/61	0	1	
SAMO0173	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	02/14/61-02/14/61	0	1	
SAMO0176	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/03/61-03/03/61	0	1	
SAMO0177	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	02/14/61-02/14/61	0	2	
SAMO0178	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/03/61-03/03/61	0	1	
SAMO0179	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/03/61-03/03/61	0	1	
SAMO0180	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/12/61-09/12/61	0	1	
SAMO0181	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/12/61-09/12/61	0	1	
SAMO0184	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	11/17/60-11/17/60	0	1	
SAMO0008	No	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	10/17/86-10/17/86	0	1	
SAMO0016	No	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	11/03/86-11/03/86	0	1	
SAMO0023	No	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	11/03/86-11/03/86	0	1	
SAMO0008	No	00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	10/17/86-10/17/86	0	1	
SAMO0016	No	00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	11/03/86-11/03/86	0	1	
SAMO0023	No	00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	11/03/86-11/03/86	0	1	
SAMO0008	No	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	10/17/86-10/17/86	0	1	
SAMO0016	No	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	11/03/86-11/03/86	0	1	
SAMO0023	No	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	11/03/86-11/03/86	0	1	
SAMO0025	No	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	11/20/86-11/20/86	0	1	
SAMO0031	No	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	11/20/86-11/20/86	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 01/01/01 To 09/02/93**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
SAMO0060	Yes	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	12/15/86-12/15/86	0	1	
SAMO0151	No	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	12/11/86-12/11/86	0	1	
SAMO0008	No	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	10/17/86-10/17/86	0	1	
SAMO0016	No	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	11/03/86-11/03/86	0	1	
SAMO0023	No	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	11/03/86-11/03/86	0	1	
SAMO0008	No	00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	10/17/86-10/17/86	0	1	
SAMO0016	No	00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	11/03/86-11/03/86	0	1	
SAMO0023	No	00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	11/03/86-11/03/86	0	1	
SAMO0008	No	00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	10/17/86-10/17/86	0	1	
SAMO0016	No	00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	11/03/86-11/03/86	0	1	
SAMO0023	No	00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	11/03/86-11/03/86	0	1	
SAMO0008	No	00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	10/17/86-10/17/86	0	1	
SAMO0016	No	00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	11/03/86-11/03/86	0	1	
SAMO0023	No	00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	11/03/86-11/03/86	0	1	
SAMO0025	No	00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	11/20/86-11/20/86	0	1	
SAMO0031	No	00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	11/20/86-11/20/86	0	1	
SAMO0008	No	00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	10/17/86-10/17/86	0	1	
SAMO0016	No	00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	11/03/86-11/03/86	0	1	
SAMO0023	No	00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	11/03/86-11/03/86	0	1	
SAMO0008	No	00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	10/17/86-10/17/86	0	1	
SAMO0016	No	00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	11/03/86-11/03/86	0	1	
SAMO0023	No	00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	11/03/86-11/03/86	0	1	
SAMO0025	No	00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	11/20/86-11/20/86	0	1	
SAMO0031	No	00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	11/20/86-11/20/86	0	1	
SAMO0060	Yes	00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	12/15/86-12/15/86	0	1	
SAMO0151	No	00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	12/11/86-12/11/86	0	1	
SAMO0014	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	01/09/80-02/04/90	10	8	
SAMO0018	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	01/09/80-02/04/90	10	8	
SAMO0027	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	02/09/89-02/04/90	0	4	
SAMO0028	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	01/09/80-03/06/80	0	3	
SAMO0055	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/26/70-09/19/74	3	20	
SAMO0061	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	01/09/80-02/04/90	10	6	
SAMO0062	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/17/88-05/17/88	0	1	
SAMO0098	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/02/93-09/02/93	0	1	
SAMO0101	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	02/09/89-02/09/89	0	1	
SAMO0103	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/31/93-08/31/93	0	1	
SAMO0120	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/01/93-09/01/93	0	1	
SAMO0125	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	02/25/74-02/25/74	0	1	
SAMO0131	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	02/13/86-02/13/86	0	1	
SAMO0132	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	02/25/74-02/25/74	0	1	
SAMO0138	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	02/13/86-02/13/86	0	1	
SAMO0159	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	06/07/71-06/07/71	0	1	
SAMO0002	No	01002	ARSENIC, TOTAL (UG/L AS AS)	05/02/77-05/16/91	14	35	
SAMO0003	No	01002	ARSENIC, TOTAL (UG/L AS AS)	01/04/74-02/03/75	1	4	
SAMO0004	No	01002	ARSENIC, TOTAL (UG/L AS AS)	10/28/74-02/02/75	0	3	
SAMO0005	No	01002	ARSENIC, TOTAL (UG/L AS AS)	10/28/74-02/02/75	0	3	
SAMO0006	No	01002	ARSENIC, TOTAL (UG/L AS AS)	01/04/74-02/03/75	1	4	
SAMO0014	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	12/27/77-05/02/91	13	56	
SAMO0015	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	12/27/77-03/04/78	0	6	
SAMO0018	No	01002	ARSENIC, TOTAL (UG/L AS AS)	12/27/77-05/02/91	13	55	
SAMO0025	No	01002	ARSENIC, TOTAL (UG/L AS AS)	11/20/86-11/20/86	0	1	
SAMO0027	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	05/11/88-05/02/91	2	37	
SAMO0028	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	12/01/73-11/10/82	8	20	
SAMO0029	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	07/27/82-08/03/88	6	13	
SAMO0030	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	10/28/74-02/28/78	3	8	
SAMO0031	No	01002	ARSENIC, TOTAL (UG/L AS AS)	11/20/86-11/20/86	0	1	
SAMO0032	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	05/30/84-08/03/88	4	9	
SAMO0054	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	05/30/84-02/01/86	1	4	
SAMO0055	No	01002	ARSENIC, TOTAL (UG/L AS AS)	10/19/71-09/27/76	4	35	
SAMO0059	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	07/28/82-08/04/88	6	2	
SAMO0061	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	04/15/77-05/02/91	14	48	
SAMO0062	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	02/02/75-02/28/78	3	6	
SAMO0066	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	12/17/87-08/03/88	0	2	
SAMO0068	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	10/28/74-12/04/74	0	2	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation  
From 01/01/01 To 09/02/93**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
SAMO0069	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	07/28/82-08/02/88	6	12	
SAMO0073	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	08/04/88-08/04/88	0	1	
SAMO0083	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	08/05/88-08/05/88	0	1	
SAMO0086	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	11/10/82-02/17/86	3	4	
SAMO0087	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	05/31/84-08/29/84	0	4	
SAMO0088	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	07/24/84-08/02/88	4	3	
SAMO0090	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	02/17/86-07/23/86	0	2	
SAMO0091	No	01002	ARSENIC, TOTAL (UG/L AS AS)	08/05/88-08/05/88	0	1	
SAMO0092	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	11/25/85-12/17/87	2	3	
SAMO0094	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	12/01/73-01/04/74	0	2	
SAMO0101	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	02/09/89-02/09/89	0	1	
SAMO0105	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	03/10/86-03/10/86	0	1	
SAMO0107	No	01002	ARSENIC, TOTAL (UG/L AS AS)	08/05/88-08/05/88	0	1	
SAMO0128	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	02/13/86-02/13/86	0	1	
SAMO0131	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	02/13/86-02/13/86	0	1	
SAMO0138	No	01002	ARSENIC, TOTAL (UG/L AS AS)	02/13/86-03/10/86	0	2	
SAMO0141	No	01002	ARSENIC, TOTAL (UG/L AS AS)	03/01/83-03/10/86	3	3	
SAMO0142	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	03/10/86-03/10/86	0	1	
SAMO0029	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	12/01/81-03/02/83	1	3	
SAMO0059	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	12/01/81-04/07/82	0	2	
SAMO0069	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	12/01/81-03/01/83	1	3	
SAMO0141	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	03/01/83-03/01/83	0	1	
SAMO0014	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	01/09/80-02/04/90	10	6	
SAMO0018	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	01/09/80-02/04/90	10	7	
SAMO0027	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	02/09/89-02/04/90	0	4	
SAMO0028	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	01/09/80-03/06/80	0	3	
SAMO0055	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	10/15/73-09/19/74	0	8	
SAMO0061	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	01/09/80-02/04/90	10	6	
SAMO0062	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	05/17/88-05/17/88	0	1	
SAMO0098	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	09/02/93-09/02/93	0	1	
SAMO0101	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	02/09/89-02/09/89	0	1	
SAMO0102	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	05/23/90-09/05/90	0	2	
SAMO0103	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	05/23/90-08/31/93	3	3	
SAMO0120	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	05/23/90-09/01/93	3	3	
SAMO0124	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/10/90-07/10/90	0	1	
SAMO0135	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/10/90-07/10/90	0	1	
SAMO0159	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	06/07/71-06/07/71	0	1	
SAMO0002	No	01007	BARIUM, TOTAL (UG/L AS BA)	05/02/77-05/16/91	14	35	
SAMO0003	No	01007	BARIUM, TOTAL (UG/L AS BA)	01/04/74-02/03/75	1	4	
SAMO0004	No	01007	BARIUM, TOTAL (UG/L AS BA)	10/28/74-02/02/75	0	3	
SAMO0005	No	01007	BARIUM, TOTAL (UG/L AS BA)	10/28/74-02/02/75	0	3	
SAMO0006	No	01007	BARIUM, TOTAL (UG/L AS BA)	01/04/74-02/03/75	1	4	
SAMO0014	Yes	01007	BARIUM, TOTAL (UG/L AS BA)	12/27/77-05/02/91	13	87	
SAMO0015	Yes	01007	BARIUM, TOTAL (UG/L AS BA)	12/27/77-03/04/78	0	6	
SAMO0018	No	01007	BARIUM, TOTAL (UG/L AS BA)	12/27/77-05/02/91	13	79	
SAMO0025	No	01007	BARIUM, TOTAL (UG/L AS BA)	11/20/86-11/20/86	0	1	
SAMO0027	Yes	01007	BARIUM, TOTAL (UG/L AS BA)	05/11/88-05/02/91	2	37	
SAMO0028	Yes	01007	BARIUM, TOTAL (UG/L AS BA)	12/01/73-03/21/84	10	49	
SAMO0030	Yes	01007	BARIUM, TOTAL (UG/L AS BA)	10/28/74-02/28/78	3	8	
SAMO0031	No	01007	BARIUM, TOTAL (UG/L AS BA)	11/20/86-11/20/86	0	1	
SAMO0055	No	01007	BARIUM, TOTAL (UG/L AS BA)	01/26/75-09/24/75	0	8	
SAMO0061	Yes	01007	BARIUM, TOTAL (UG/L AS BA)	04/15/77-05/02/91	14	77	
SAMO0062	Yes	01007	BARIUM, TOTAL (UG/L AS BA)	02/02/75-02/08/78	3	5	
SAMO0068	Yes	01007	BARIUM, TOTAL (UG/L AS BA)	10/28/74-12/04/74	0	2	
SAMO0094	Yes	01007	BARIUM, TOTAL (UG/L AS BA)	12/01/73-01/04/74	0	2	
SAMO0101	Yes	01007	BARIUM, TOTAL (UG/L AS BA)	02/09/89-02/09/89	0	1	
SAMO0008	No	01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	10/17/86-10/17/86	0	1	
SAMO0016	No	01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	11/03/86-11/03/86	0	1	
SAMO0023	No	01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	11/03/86-11/03/86	0	1	
SAMO0055	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	10/15/73-09/19/74	0	8	
SAMO0131	Yes	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	02/13/86-02/13/86	0	1	
SAMO0138	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	02/13/86-02/13/86	0	1	
SAMO0025	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	11/20/86-11/20/86	0	1	
SAMO0031	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	11/20/86-11/20/86	0	1	
SAMO0001	No	01020	BORON, DISSOLVED (UG/L AS B)	08/22/51-04/02/65	13	2	
SAMO0015	Yes	01020	BORON, DISSOLVED (UG/L AS B)	01/10/78-03/04/78	0	5	
SAMO0029	Yes	01020	BORON, DISSOLVED (UG/L AS B)	01/02/82-08/03/88	6	15	
SAMO0030	Yes	01020	BORON, DISSOLVED (UG/L AS B)	12/27/77-02/28/78	0	5	
SAMO0032	Yes	01020	BORON, DISSOLVED (UG/L AS B)	01/01/82-08/03/88	6	14	
SAMO0054	Yes	01020	BORON, DISSOLVED (UG/L AS B)	03/18/82-02/01/86	3	7	
SAMO0055	No	01020	BORON, DISSOLVED (UG/L AS B)	10/18/66-09/27/76	9	104	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 01/01/01 To 09/02/93**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
SAMO0056	No	01020	BORON, DISSOLVED (UG/L AS B)	03/23/64-03/23/64	0	1	
SAMO0059	Yes	01020	BORON, DISSOLVED (UG/L AS B)	01/01/82-08/04/88	6	4	
SAMO0062	Yes	01020	BORON, DISSOLVED (UG/L AS B)	01/16/52-05/17/88	36	6	
SAMO0063	No	01020	BORON, DISSOLVED (UG/L AS B)	04/16/52-12/02/52	0	2	
SAMO0064	No	01020	BORON, DISSOLVED (UG/L AS B)	01/27/56-04/02/65	9	4	
SAMO0066	Yes	01020	BORON, DISSOLVED (UG/L AS B)	12/17/87-08/03/88	0	2	
SAMO0067	No	01020	BORON, DISSOLVED (UG/L AS B)	01/27/56-04/02/65	9	4	
SAMO0069	Yes	01020	BORON, DISSOLVED (UG/L AS B)	01/02/82-08/02/88	6	15	
SAMO0073	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/04/88-08/04/88	0	1	
SAMO0074	No	01020	BORON, DISSOLVED (UG/L AS B)	03/08/52-03/08/52	0	1	
SAMO0075	No	01020	BORON, DISSOLVED (UG/L AS B)	12/12/51-01/07/53	1	3	
SAMO0076	No	01020	BORON, DISSOLVED (UG/L AS B)	03/07/52-12/02/52	0	3	
SAMO0079	No	01020	BORON, DISSOLVED (UG/L AS B)	02/19/62-02/19/62	0	1	
SAMO0080	No	01020	BORON, DISSOLVED (UG/L AS B)	02/09/62-04/02/65	3	3	
SAMO0083	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/05/88-08/05/88	0	1	
SAMO0084	Yes	01020	BORON, DISSOLVED (UG/L AS B)	01/02/82-07/14/83	1	4	
SAMO0086	Yes	01020	BORON, DISSOLVED (UG/L AS B)	11/10/82-02/17/86	3	4	
SAMO0087	Yes	01020	BORON, DISSOLVED (UG/L AS B)	01/01/82-08/29/84	2	9	
SAMO0088	Yes	01020	BORON, DISSOLVED (UG/L AS B)	03/18/82-08/02/88	6	5	
SAMO0090	Yes	01020	BORON, DISSOLVED (UG/L AS B)	02/17/86-07/23/86	0	2	
SAMO0091	No	01020	BORON, DISSOLVED (UG/L AS B)	08/05/88-08/05/88	0	1	
SAMO0092	Yes	01020	BORON, DISSOLVED (UG/L AS B)	11/25/85-12/17/87	2	3	
SAMO0097	No	01020	BORON, DISSOLVED (UG/L AS B)	03/07/52-08/17/77	25	18	
SAMO0100	No	01020	BORON, DISSOLVED (UG/L AS B)	03/23/64-03/23/64	0	1	
SAMO0103	No	01020	BORON, DISSOLVED (UG/L AS B)	05/23/90-08/31/93	3	3	
SAMO0105	Yes	01020	BORON, DISSOLVED (UG/L AS B)	07/12/83-03/10/86	2	2	
SAMO0107	No	01020	BORON, DISSOLVED (UG/L AS B)	08/05/88-08/05/88	0	1	
SAMO0109	No	01020	BORON, DISSOLVED (UG/L AS B)	09/02/93-09/02/93	0	1	
SAMO0110	No	01020	BORON, DISSOLVED (UG/L AS B)	01/27/56-02/19/62	6	2	
SAMO0111	No	01020	BORON, DISSOLVED (UG/L AS B)	04/12/79-04/12/79	0	1	
SAMO0112	No	01020	BORON, DISSOLVED (UG/L AS B)	01/13/57-04/12/79	22	3	
SAMO0114	No	01020	BORON, DISSOLVED (UG/L AS B)	03/19/52-02/27/53	0	6	
SAMO0116	No	01020	BORON, DISSOLVED (UG/L AS B)	01/27/56-01/27/56	0	1	
SAMO0119	No	01020	BORON, DISSOLVED (UG/L AS B)	02/09/62-02/19/62	0	2	
SAMO0120	No	01020	BORON, DISSOLVED (UG/L AS B)	05/23/90-09/01/93	3	3	
SAMO0122	No	01020	BORON, DISSOLVED (UG/L AS B)	01/27/56-04/02/65	9	3	
SAMO0123	No	01020	BORON, DISSOLVED (UG/L AS B)	06/06/52-06/06/52	0	1	
SAMO0124	No	01020	BORON, DISSOLVED (UG/L AS B)	07/10/90-07/10/90	0	1	
SAMO0125	No	01020	BORON, DISSOLVED (UG/L AS B)	02/25/74-02/25/74	0	1	
SAMO0126	No	01020	BORON, DISSOLVED (UG/L AS B)	02/19/62-02/19/62	0	1	
SAMO0127	Yes	01020	BORON, DISSOLVED (UG/L AS B)	03/10/86-03/10/86	0	1	
SAMO0128	Yes	01020	BORON, DISSOLVED (UG/L AS B)	02/13/86-02/13/86	0	1	
SAMO0131	Yes	01020	BORON, DISSOLVED (UG/L AS B)	03/17/82-02/13/86	3	2	
SAMO0132	No	01020	BORON, DISSOLVED (UG/L AS B)	01/27/56-02/25/74	18	3	
SAMO0133	No	01020	BORON, DISSOLVED (UG/L AS B)	06/29/78-06/29/78	0	1	
SAMO0135	No	01020	BORON, DISSOLVED (UG/L AS B)	07/10/90-07/10/90	0	1	
SAMO0136	No	01020	BORON, DISSOLVED (UG/L AS B)	02/06/52-11/29/70	18	9	
SAMO0137	No	01020	BORON, DISSOLVED (UG/L AS B)	02/09/62-02/09/62	0	1	
SAMO0138	No	01020	BORON, DISSOLVED (UG/L AS B)	03/17/82-02/13/86	3	4	
SAMO0140	No	01020	BORON, DISSOLVED (UG/L AS B)	04/22/58-04/22/58	0	1	
SAMO0141	No	01020	BORON, DISSOLVED (UG/L AS B)	03/01/83-03/10/86	3	3	
SAMO0142	Yes	01020	BORON, DISSOLVED (UG/L AS B)	03/10/86-03/10/86	0	1	
SAMO0143	No	01020	BORON, DISSOLVED (UG/L AS B)	01/15/52-04/02/65	13	7	
SAMO0144	No	01020	BORON, DISSOLVED (UG/L AS B)	02/09/62-02/09/62	0	1	
SAMO0147	No	01020	BORON, DISSOLVED (UG/L AS B)	01/07/52-04/08/58	6	5	
SAMO0149	No	01020	BORON, DISSOLVED (UG/L AS B)	01/27/56-01/27/56	0	1	
SAMO0150	No	01020	BORON, DISSOLVED (UG/L AS B)	01/27/56-02/14/61	5	2	
SAMO0152	No	01020	BORON, DISSOLVED (UG/L AS B)	01/26/56-11/20/63	7	5	
SAMO0154	No	01020	BORON, DISSOLVED (UG/L AS B)	02/16/62-02/16/62	0	1	
SAMO0155	No	01020	BORON, DISSOLVED (UG/L AS B)	04/07/53-04/07/53	0	1	
SAMO0156	No	01020	BORON, DISSOLVED (UG/L AS B)	01/27/56-01/31/67	11	3	
SAMO0157	Yes	01020	BORON, DISSOLVED (UG/L AS B)	09/12/61-09/12/61	0	1	
SAMO0158	No	01020	BORON, DISSOLVED (UG/L AS B)	09/12/61-09/12/61	0	1	
SAMO0160	No	01020	BORON, DISSOLVED (UG/L AS B)	02/14/61-02/14/61	0	1	
SAMO0163	No	01020	BORON, DISSOLVED (UG/L AS B)	09/12/61-09/12/61	0	1	
SAMO0164	No	01020	BORON, DISSOLVED (UG/L AS B)	02/14/61-02/14/61	0	1	
SAMO0168	No	01020	BORON, DISSOLVED (UG/L AS B)	03/03/61-03/03/61	0	1	
SAMO0169	No	01020	BORON, DISSOLVED (UG/L AS B)	02/14/61-02/14/61	0	1	
SAMO0170	No	01020	BORON, DISSOLVED (UG/L AS B)	01/14/53-01/14/53	0	1	
SAMO0171	No	01020	BORON, DISSOLVED (UG/L AS B)	03/03/61-03/03/61	0	1	
SAMO0172	No	01020	BORON, DISSOLVED (UG/L AS B)	03/03/61-03/03/61	0	1	
SAMO0173	No	01020	BORON, DISSOLVED (UG/L AS B)	06/06/52-02/14/61	8	3	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 01/01/01 To 09/02/93**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
SAMO0175	No	01020	BORON, DISSOLVED (UG/L AS B)	06/06/52-02/27/53	0	2	
SAMO0176	No	01020	BORON, DISSOLVED (UG/L AS B)	03/03/61-03/03/61	0	1	
SAMO0177	No	01020	BORON, DISSOLVED (UG/L AS B)	02/14/61-02/14/61	0	1	
SAMO0178	No	01020	BORON, DISSOLVED (UG/L AS B)	03/03/61-03/03/61	0	1	
SAMO0179	No	01020	BORON, DISSOLVED (UG/L AS B)	03/03/61-03/03/61	0	1	
SAMO0180	No	01020	BORON, DISSOLVED (UG/L AS B)	09/12/61-09/12/61	0	1	
SAMO0182	No	01020	BORON, DISSOLVED (UG/L AS B)	06/06/52-01/14/53	0	2	
SAMO0184	No	01020	BORON, DISSOLVED (UG/L AS B)	11/17/60-11/17/60	0	1	
SAMO0002	No	01022	BORON, TOTAL (UG/L AS B)	05/18/88-05/16/91	2	36	
SAMO0014	Yes	01022	BORON, TOTAL (UG/L AS B)	12/27/77-05/02/91	13	71	
SAMO0018	No	01022	BORON, TOTAL (UG/L AS B)	12/27/77-05/02/91	13	66	
SAMO0027	Yes	01022	BORON, TOTAL (UG/L AS B)	05/11/88-05/02/91	2	38	
SAMO0028	Yes	01022	BORON, TOTAL (UG/L AS B)	12/27/77-01/24/83	5	21	
SAMO0061	Yes	01022	BORON, TOTAL (UG/L AS B)	12/27/77-05/02/91	13	54	
SAMO0101	Yes	01022	BORON, TOTAL (UG/L AS B)	06/16/88-02/09/89	0	2	
SAMO0014	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	01/09/80-02/04/90	10	8	
SAMO0018	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	01/09/80-02/04/90	10	8	
SAMO0027	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	02/09/89-02/04/90	0	4	
SAMO0028	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	01/09/80-03/06/80	0	3	
SAMO0055	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/15/73-09/19/74	0	8	
SAMO0061	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	01/09/80-02/04/90	10	6	
SAMO0062	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/17/88-05/17/88	0	1	
SAMO0101	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	02/09/89-02/09/89	0	1	
SAMO0125	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	02/25/74-02/25/74	0	1	
SAMO0131	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	02/13/86-02/13/86	0	1	
SAMO0132	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	02/25/74-02/25/74	0	1	
SAMO0138	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	02/13/86-02/13/86	0	1	
SAMO0159	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/07/71-06/07/71	0	1	
SAMO0002	No	01027	CADMIUM, TOTAL (UG/L AS CD)	05/02/77-05/16/91	14	35	
SAMO0003	No	01027	CADMIUM, TOTAL (UG/L AS CD)	01/04/74-02/03/75	1	4	
SAMO0004	No	01027	CADMIUM, TOTAL (UG/L AS CD)	10/28/74-02/02/75	0	3	
SAMO0005	No	01027	CADMIUM, TOTAL (UG/L AS CD)	10/28/74-02/02/75	0	3	
SAMO0006	No	01027	CADMIUM, TOTAL (UG/L AS CD)	01/04/74-02/03/75	1	4	
SAMO0014	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	12/27/77-05/02/91	13	92	
SAMO0015	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	12/27/77-03/04/78	0	6	
SAMO0018	No	01027	CADMIUM, TOTAL (UG/L AS CD)	12/27/77-05/02/91	13	88	
SAMO0025	No	01027	CADMIUM, TOTAL (UG/L AS CD)	11/20/86-11/20/86	0	1	
SAMO0027	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	05/11/88-05/02/91	2	37	
SAMO0028	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	12/01/73-03/21/84	10	54	
SAMO0029	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	01/02/82-08/03/88	6	14	
SAMO0030	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	10/28/74-02/28/78	3	8	
SAMO0031	No	01027	CADMIUM, TOTAL (UG/L AS CD)	11/20/86-11/20/86	0	1	
SAMO0032	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	05/30/84-08/03/88	4	9	
SAMO0054	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	05/30/84-02/01/86	1	4	
SAMO0055	No	01027	CADMIUM, TOTAL (UG/L AS CD)	11/21/74-09/24/75	0	11	
SAMO0059	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	01/01/82-08/04/88	6	3	
SAMO0061	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	04/15/77-05/02/91	14	82	
SAMO0062	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	02/02/75-02/28/78	3	6	
SAMO0066	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	12/17/87-08/03/88	0	2	
SAMO0068	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	10/28/74-10/28/74	0	1	
SAMO0069	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	01/02/82-08/02/88	6	14	
SAMO0073	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	08/04/88-08/04/88	0	1	
SAMO0083	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	08/05/88-08/05/88	0	1	
SAMO0084	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	01/02/82-01/02/82	0	1	
SAMO0086	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	11/10/82-02/17/86	3	4	
SAMO0087	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	05/31/84-08/29/84	0	4	
SAMO0088	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	07/24/84-08/02/88	4	3	
SAMO0090	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	02/17/86-07/23/86	0	2	
SAMO0091	No	01027	CADMIUM, TOTAL (UG/L AS CD)	08/05/88-08/05/88	0	1	
SAMO0092	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	11/25/85-12/17/87	2	3	
SAMO0094	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	12/01/73-01/04/74	0	2	
SAMO0101	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	02/09/89-02/09/89	0	1	
SAMO0105	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	03/10/86-03/10/86	0	1	
SAMO0107	No	01027	CADMIUM, TOTAL (UG/L AS CD)	08/05/88-08/05/88	0	1	
SAMO0138	No	01027	CADMIUM, TOTAL (UG/L AS CD)	03/10/86-03/10/86	0	1	
SAMO0141	No	01027	CADMIUM, TOTAL (UG/L AS CD)	03/01/83-03/10/86	3	3	
SAMO0142	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	03/10/86-03/10/86	0	1	
SAMO0029	Yes	01028	CADMIUM, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	12/01/81-03/02/83	1	4	
SAMO0059	Yes	01028	CADMIUM, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	12/01/81-07/28/82	0	3	
SAMO0069	Yes	01028	CADMIUM, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	12/01/81-03/01/83	1	3	
SAMO0141	No	01028	CADMIUM, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	03/01/83-03/01/83	0	1	
SAMO0014	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	01/09/80-02/04/90	10	8	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 01/01/01 To 09/02/93**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
SAMO0018	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	01/09/80-02/04/90	10	8	
SAMO0027	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	02/09/89-02/04/90	0	4	
SAMO0028	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	01/09/80-03/06/80	0	3	
SAMO0061	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	01/09/80-02/04/90	10	6	
SAMO0101	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	02/09/89-02/09/89	0	1	
SAMO0131	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	02/13/86-02/13/86	0	1	
SAMO0138	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	02/13/86-02/13/86	0	1	
SAMO0002	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	05/18/88-05/16/91	2	34	
SAMO0008	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	10/31/86-10/31/86	0	1	
SAMO0013	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	10/17/86-10/17/86	0	1	
SAMO0014	Yes	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	12/27/77-05/02/91	13	89	
SAMO0015	Yes	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	12/27/77-03/04/78	0	6	
SAMO0016	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	11/03/86-11/03/86	0	1	
SAMO0018	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	12/27/77-05/02/91	13	85	
SAMO0023	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	11/03/86-11/03/86	0	1	
SAMO0025	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	11/20/86-11/20/86	0	1	
SAMO0027	Yes	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	05/11/88-05/02/91	2	37	
SAMO0028	Yes	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	12/27/77-03/21/84	6	47	
SAMO0030	Yes	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	12/27/77-02/28/78	0	5	
SAMO0031	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	11/20/86-11/20/86	0	1	
SAMO0060	Yes	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	12/15/86-12/15/86	0	1	
SAMO0061	Yes	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	12/27/77-05/02/91	13	80	
SAMO0062	Yes	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	12/27/77-02/28/78	0	5	
SAMO0101	Yes	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	02/09/89-02/09/89	0	1	
SAMO0151	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	12/11/86-12/11/86	0	1	
SAMO0161	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	12/11/86-12/11/86	0	1	
SAMO0002	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	05/02/77-05/16/91	14	35	
SAMO0003	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	01/04/74-02/03/75	1	4	
SAMO0004	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/28/74-02/02/75	0	3	
SAMO0005	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/28/74-02/02/75	0	3	
SAMO0006	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	01/04/74-02/03/75	1	4	
SAMO0014	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	12/27/77-05/02/91	13	92	
SAMO0015	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	12/27/77-03/04/78	0	6	
SAMO0018	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	12/27/77-05/02/91	13	88	
SAMO0025	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	11/20/86-11/20/86	0	1	
SAMO0027	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	05/11/88-05/02/91	2	37	
SAMO0028	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	12/01/73-03/21/84	10	54	
SAMO0029	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/27/82-08/03/88	6	13	
SAMO0030	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/28/74-02/28/78	3	8	
SAMO0031	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	11/20/86-11/20/86	0	1	
SAMO0032	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	05/30/84-08/03/88	4	9	
SAMO0054	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	05/30/84-02/01/86	1	4	
SAMO0055	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	04/21/75-08/18/75	0	4	
SAMO0059	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/28/82-08/04/88	6	2	
SAMO0061	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	04/15/77-05/02/91	14	82	
SAMO0062	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	02/02/75-02/28/78	3	6	
SAMO0066	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	12/17/87-08/03/88	0	2	
SAMO0068	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/28/74-12/04/74	0	2	
SAMO0069	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/28/82-08/02/88	6	13	
SAMO0073	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/04/88-08/04/88	0	1	
SAMO0083	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/05/88-08/05/88	0	1	
SAMO0086	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	11/10/82-02/17/86	3	4	
SAMO0087	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	05/31/84-08/29/84	0	4	
SAMO0088	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/24/84-08/02/88	4	3	
SAMO0090	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	02/17/86-07/23/86	0	2	
SAMO0091	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/05/88-08/05/88	0	1	
SAMO0092	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	11/25/85-12/17/87	2	3	
SAMO0094	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	12/01/73-01/04/74	0	2	
SAMO0101	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	02/09/89-02/09/89	0	1	
SAMO0105	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	03/10/86-03/10/86	0	1	
SAMO0107	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/05/88-08/05/88	0	1	
SAMO0138	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	03/10/86-03/10/86	0	1	
SAMO0141	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	03/01/83-03/10/86	3	3	
SAMO0142	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	03/10/86-03/10/86	0	1	
SAMO0159	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	06/07/71-06/07/71	0	1	
SAMO0025	No	01037	COBALT, TOTAL (UG/L AS CO)	11/20/86-11/20/86	0	1	
SAMO0031	No	01037	COBALT, TOTAL (UG/L AS CO)	11/20/86-11/20/86	0	1	
SAMO0014	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	01/09/80-02/04/90	10	8	
SAMO0018	No	01040	COPPER, DISSOLVED (UG/L AS CU)	01/09/80-02/04/90	10	8	
SAMO0027	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	02/09/89-02/04/90	0	4	
SAMO0028	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	01/09/80-03/06/80	0	3	
SAMO0055	No	01040	COPPER, DISSOLVED (UG/L AS CU)	10/15/73-09/19/74	0	8	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation  
From 01/01/01 To 09/02/93**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
SAMO0061	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	01/09/80-02/04/90	10	6	
SAMO0062	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	05/17/88-05/17/88	0	1	
SAMO0101	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	02/09/89-02/09/89	0	1	
SAMO0125	No	01040	COPPER, DISSOLVED (UG/L AS CU)	02/25/74-02/25/74	0	1	
SAMO0131	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	02/13/86-02/13/86	0	1	
SAMO0132	No	01040	COPPER, DISSOLVED (UG/L AS CU)	02/25/74-02/25/74	0	1	
SAMO0138	No	01040	COPPER, DISSOLVED (UG/L AS CU)	02/13/86-02/13/86	0	1	
SAMO0159	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	06/07/71-06/07/71	0	1	
SAMO0002	No	01042	COPPER, TOTAL (UG/L AS CU)	05/02/77-05/16/91	14	35	
SAMO0003	No	01042	COPPER, TOTAL (UG/L AS CU)	01/04/74-02/03/75	1	4	
SAMO0004	No	01042	COPPER, TOTAL (UG/L AS CU)	10/28/74-02/02/75	0	3	
SAMO0005	No	01042	COPPER, TOTAL (UG/L AS CU)	10/28/74-02/02/75	0	3	
SAMO0006	No	01042	COPPER, TOTAL (UG/L AS CU)	01/04/74-02/03/75	1	4	
SAMO0014	Yes	01042	COPPER, TOTAL (UG/L AS CU)	12/27/77-05/02/91	13	92	
SAMO0015	Yes	01042	COPPER, TOTAL (UG/L AS CU)	12/27/77-03/04/78	0	6	
SAMO0018	No	01042	COPPER, TOTAL (UG/L AS CU)	12/27/77-05/02/91	13	88	
SAMO0025	No	01042	COPPER, TOTAL (UG/L AS CU)	11/20/86-11/20/86	0	1	
SAMO0027	Yes	01042	COPPER, TOTAL (UG/L AS CU)	05/11/88-05/02/91	2	37	
SAMO0028	Yes	01042	COPPER, TOTAL (UG/L AS CU)	12/01/73-03/21/84	10	54	
SAMO0029	Yes	01042	COPPER, TOTAL (UG/L AS CU)	07/27/82-08/03/88	6	13	
SAMO0030	Yes	01042	COPPER, TOTAL (UG/L AS CU)	10/28/74-02/28/78	3	8	
SAMO0031	No	01042	COPPER, TOTAL (UG/L AS CU)	11/20/86-11/20/86	0	1	
SAMO0032	Yes	01042	COPPER, TOTAL (UG/L AS CU)	05/30/84-08/03/88	4	9	
SAMO0054	Yes	01042	COPPER, TOTAL (UG/L AS CU)	05/30/84-02/01/86	1	4	
SAMO0055	No	01042	COPPER, TOTAL (UG/L AS CU)	11/21/74-09/24/75	0	11	
SAMO0059	Yes	01042	COPPER, TOTAL (UG/L AS CU)	07/28/82-08/04/88	6	2	
SAMO0061	Yes	01042	COPPER, TOTAL (UG/L AS CU)	04/15/77-05/02/91	14	82	
SAMO0062	Yes	01042	COPPER, TOTAL (UG/L AS CU)	02/02/75-02/28/78	3	6	
SAMO0066	Yes	01042	COPPER, TOTAL (UG/L AS CU)	12/17/87-08/03/88	0	2	
SAMO0068	Yes	01042	COPPER, TOTAL (UG/L AS CU)	10/28/74-12/04/74	0	2	
SAMO0069	Yes	01042	COPPER, TOTAL (UG/L AS CU)	07/28/82-08/02/88	6	13	
SAMO0073	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/04/88-08/04/88	0	1	
SAMO0083	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/05/88-08/05/88	0	1	
SAMO0086	Yes	01042	COPPER, TOTAL (UG/L AS CU)	11/10/82-02/17/86	3	4	
SAMO0087	Yes	01042	COPPER, TOTAL (UG/L AS CU)	05/31/84-08/29/84	0	4	
SAMO0088	Yes	01042	COPPER, TOTAL (UG/L AS CU)	07/24/84-08/02/88	4	3	
SAMO0090	Yes	01042	COPPER, TOTAL (UG/L AS CU)	02/17/86-07/23/86	0	2	
SAMO0091	No	01042	COPPER, TOTAL (UG/L AS CU)	08/05/88-08/05/88	0	1	
SAMO0092	Yes	01042	COPPER, TOTAL (UG/L AS CU)	11/25/85-12/17/87	2	3	
SAMO0094	Yes	01042	COPPER, TOTAL (UG/L AS CU)	12/01/73-12/01/73	0	1	
SAMO0101	Yes	01042	COPPER, TOTAL (UG/L AS CU)	02/09/89-02/09/89	0	1	
SAMO0105	Yes	01042	COPPER, TOTAL (UG/L AS CU)	03/10/86-03/10/86	0	1	
SAMO0107	No	01042	COPPER, TOTAL (UG/L AS CU)	08/05/88-08/05/88	0	1	
SAMO0117	No	01042	COPPER, TOTAL (UG/L AS CU)	09/26/78-09/26/78	0	1	
SAMO0128	Yes	01042	COPPER, TOTAL (UG/L AS CU)	02/13/86-02/13/86	0	1	
SAMO0138	No	01042	COPPER, TOTAL (UG/L AS CU)	03/10/86-03/10/86	0	1	
SAMO0141	No	01042	COPPER, TOTAL (UG/L AS CU)	03/01/83-03/10/86	3	3	
SAMO0142	Yes	01042	COPPER, TOTAL (UG/L AS CU)	03/10/86-03/10/86	0	1	
SAMO0029	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	12/01/81-03/02/83	1	4	
SAMO0059	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	12/01/81-07/28/82	0	3	
SAMO0069	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	12/01/81-03/01/83	1	3	
SAMO0141	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	03/01/83-03/01/83	0	1	
SAMO0002	No	01045	IRON, TOTAL (UG/L AS FE)	05/02/77-12/12/91	14	38	
SAMO0003	No	01045	IRON, TOTAL (UG/L AS FE)	01/04/74-02/03/75	1	4	
SAMO0004	No	01045	IRON, TOTAL (UG/L AS FE)	10/28/74-02/02/75	0	3	
SAMO0005	No	01045	IRON, TOTAL (UG/L AS FE)	10/28/74-02/02/75	0	3	
SAMO0006	No	01045	IRON, TOTAL (UG/L AS FE)	01/04/74-02/03/75	1	4	
SAMO0014	Yes	01045	IRON, TOTAL (UG/L AS FE)	10/17/77-12/05/91	14	119	
SAMO0015	Yes	01045	IRON, TOTAL (UG/L AS FE)	10/17/77-03/04/78	0	7	
SAMO0018	No	01045	IRON, TOTAL (UG/L AS FE)	12/27/77-12/05/91	13	113	
SAMO0027	Yes	01045	IRON, TOTAL (UG/L AS FE)	05/11/88-12/05/91	3	40	
SAMO0028	Yes	01045	IRON, TOTAL (UG/L AS FE)	01/04/74-03/21/84	10	89	
SAMO0029	Yes	01045	IRON, TOTAL (UG/L AS FE)	01/02/82-01/02/82	0	1	
SAMO0030	Yes	01045	IRON, TOTAL (UG/L AS FE)	10/28/74-08/21/78	3	14	
SAMO0055	No	01045	IRON, TOTAL (UG/L AS FE)	11/21/74-09/27/76	1	23	
SAMO0059	Yes	01045	IRON, TOTAL (UG/L AS FE)	01/01/82-01/01/82	0	1	
SAMO0061	Yes	01045	IRON, TOTAL (UG/L AS FE)	04/15/77-12/05/91	14	120	
SAMO0062	Yes	01045	IRON, TOTAL (UG/L AS FE)	02/02/75-09/20/78	3	16	
SAMO0068	Yes	01045	IRON, TOTAL (UG/L AS FE)	10/28/74-12/04/74	0	2	
SAMO0069	Yes	01045	IRON, TOTAL (UG/L AS FE)	01/02/82-01/02/82	0	1	
SAMO0084	Yes	01045	IRON, TOTAL (UG/L AS FE)	01/02/82-01/02/82	0	1	
SAMO0094	Yes	01045	IRON, TOTAL (UG/L AS FE)	12/01/73-01/04/74	0	2	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot



**Station/Parameter Period of Record Tabulation**  
**From 01/01/01 To 09/02/93**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
SAMO0097	No	01045	IRON, TOTAL (UG/L AS FE)	08/17/77-08/17/77	0	1	
SAMO0101	Yes	01045	IRON, TOTAL (UG/L AS FE)	02/09/89-02/09/89	0	1	
SAMO0117	No	01045	IRON, TOTAL (UG/L AS FE)	09/26/78-09/26/78	0	1	
SAMO0014	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	01/09/80-02/04/90	10	8	
SAMO0018	No	01046	IRON, DISSOLVED (UG/L AS FE)	02/15/80-02/04/90	9	7	
SAMO0027	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	02/09/89-02/04/90	0	4	
SAMO0028	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	03/06/80-03/06/80	0	1	
SAMO0029	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	01/02/82-08/03/88	6	15	
SAMO0032	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	01/01/82-09/17/87	5	13	
SAMO0054	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	03/18/82-02/01/86	3	7	
SAMO0055	No	01046	IRON, DISSOLVED (UG/L AS FE)	10/26/70-09/19/74	3	33	
SAMO0059	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	01/01/82-08/04/88	6	4	
SAMO0061	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	01/09/80-02/04/90	10	6	
SAMO0062	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	05/17/88-05/17/88	0	1	
SAMO0066	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	12/17/87-08/03/88	0	2	
SAMO0069	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	01/02/82-08/02/88	6	15	
SAMO0073	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/04/88-08/04/88	0	1	
SAMO0083	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/05/88-08/05/88	0	1	
SAMO0084	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	01/02/82-07/14/83	1	4	
SAMO0086	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	11/10/82-02/17/86	3	4	
SAMO0087	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	01/01/82-08/29/84	2	9	
SAMO0088	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	03/18/82-08/02/88	6	5	
SAMO0090	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	02/17/86-07/23/86	0	2	
SAMO0091	No	01046	IRON, DISSOLVED (UG/L AS FE)	08/05/88-08/05/88	0	1	
SAMO0092	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	11/25/85-12/17/87	2	3	
SAMO0098	No	01046	IRON, DISSOLVED (UG/L AS FE)	09/02/93-09/02/93	0	1	
SAMO0101	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	02/09/89-02/09/89	0	1	
SAMO0102	No	01046	IRON, DISSOLVED (UG/L AS FE)	05/23/90-09/05/90	0	2	
SAMO0103	No	01046	IRON, DISSOLVED (UG/L AS FE)	05/23/90-08/31/93	3	3	
SAMO0105	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/12/83-03/10/86	2	2	
SAMO0107	No	01046	IRON, DISSOLVED (UG/L AS FE)	08/05/88-08/05/88	0	1	
SAMO0120	No	01046	IRON, DISSOLVED (UG/L AS FE)	05/23/90-09/01/93	3	3	
SAMO0124	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/10/90-07/10/90	0	1	
SAMO0125	No	01046	IRON, DISSOLVED (UG/L AS FE)	02/25/74-02/25/74	0	1	
SAMO0127	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	03/10/86-03/10/86	0	1	
SAMO0128	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	02/13/86-02/13/86	0	1	
SAMO0131	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	03/17/82-02/13/86	3	2	
SAMO0132	No	01046	IRON, DISSOLVED (UG/L AS FE)	02/25/74-02/25/74	0	1	
SAMO0135	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/10/90-07/10/90	0	1	
SAMO0138	No	01046	IRON, DISSOLVED (UG/L AS FE)	03/17/82-02/13/86	3	4	
SAMO0141	No	01046	IRON, DISSOLVED (UG/L AS FE)	03/01/83-03/10/86	3	3	
SAMO0142	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	03/10/86-03/10/86	0	1	
SAMO0159	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	06/07/71-06/07/71	0	1	
SAMO0014	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	01/09/80-02/04/90	10	8	
SAMO0018	No	01049	LEAD, DISSOLVED (UG/L AS PB)	01/09/80-02/04/90	10	8	
SAMO0027	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	02/09/89-02/04/90	0	4	
SAMO0028	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	01/09/80-03/06/80	0	3	
SAMO0055	No	01049	LEAD, DISSOLVED (UG/L AS PB)	10/15/73-09/19/74	0	8	
SAMO0061	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	01/09/80-02/04/90	10	6	
SAMO0062	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	05/17/88-05/17/88	0	1	
SAMO0101	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	02/09/89-02/09/89	0	1	
SAMO0125	No	01049	LEAD, DISSOLVED (UG/L AS PB)	02/25/74-02/25/74	0	1	
SAMO0131	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	02/13/86-02/13/86	0	1	
SAMO0132	No	01049	LEAD, DISSOLVED (UG/L AS PB)	02/25/74-02/25/74	0	1	
SAMO0138	No	01049	LEAD, DISSOLVED (UG/L AS PB)	02/13/86-02/13/86	0	1	
SAMO0159	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	06/07/71-06/07/71	0	1	
SAMO0002	No	01051	LEAD, TOTAL (UG/L AS PB)	05/02/77-05/16/91	14	35	
SAMO0003	No	01051	LEAD, TOTAL (UG/L AS PB)	01/04/74-02/03/75	1	3	
SAMO0004	No	01051	LEAD, TOTAL (UG/L AS PB)	12/04/74-02/02/75	0	2	
SAMO0005	No	01051	LEAD, TOTAL (UG/L AS PB)	12/04/74-02/02/75	0	2	
SAMO0006	No	01051	LEAD, TOTAL (UG/L AS PB)	01/04/74-02/03/75	1	3	
SAMO0014	Yes	01051	LEAD, TOTAL (UG/L AS PB)	12/27/77-05/02/91	13	91	
SAMO0015	Yes	01051	LEAD, TOTAL (UG/L AS PB)	12/27/77-03/04/78	0	6	
SAMO0018	No	01051	LEAD, TOTAL (UG/L AS PB)	12/27/77-05/02/91	13	87	
SAMO0025	No	01051	LEAD, TOTAL (UG/L AS PB)	11/20/86-11/20/86	0	1	
SAMO0027	Yes	01051	LEAD, TOTAL (UG/L AS PB)	05/11/88-05/02/91	2	37	
SAMO0028	Yes	01051	LEAD, TOTAL (UG/L AS PB)	12/01/73-03/21/84	10	53	
SAMO0029	Yes	01051	LEAD, TOTAL (UG/L AS PB)	01/02/82-08/03/88	6	14	
SAMO0030	Yes	01051	LEAD, TOTAL (UG/L AS PB)	10/28/74-02/28/78	3	8	
SAMO0031	No	01051	LEAD, TOTAL (UG/L AS PB)	11/20/86-11/20/86	0	1	
SAMO0032	Yes	01051	LEAD, TOTAL (UG/L AS PB)	05/30/84-08/03/88	4	9	
SAMO0054	Yes	01051	LEAD, TOTAL (UG/L AS PB)	05/30/84-02/01/86	1	4	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 01/01/01 To 09/02/93**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
SAMO0055	No	01051	LEAD, TOTAL (UG/L AS PB)	11/21/74-09/24/75	0	11	
SAMO0059	Yes	01051	LEAD, TOTAL (UG/L AS PB)	01/01/82-08/04/88	6	3	
SAMO0061	Yes	01051	LEAD, TOTAL (UG/L AS PB)	04/15/77-05/02/91	14	81	
SAMO0062	Yes	01051	LEAD, TOTAL (UG/L AS PB)	02/02/75-02/28/78	3	6	
SAMO0066	Yes	01051	LEAD, TOTAL (UG/L AS PB)	12/17/87-08/03/88	0	2	
SAMO0068	Yes	01051	LEAD, TOTAL (UG/L AS PB)	10/28/74-12/04/74	0	2	
SAMO0069	Yes	01051	LEAD, TOTAL (UG/L AS PB)	01/02/82-08/02/88	6	14	
SAMO0073	Yes	01051	LEAD, TOTAL (UG/L AS PB)	08/04/88-08/04/88	0	1	
SAMO0083	Yes	01051	LEAD, TOTAL (UG/L AS PB)	08/05/88-08/05/88	0	1	
SAMO0084	Yes	01051	LEAD, TOTAL (UG/L AS PB)	01/02/82-01/02/82	0	1	
SAMO0086	Yes	01051	LEAD, TOTAL (UG/L AS PB)	11/10/82-02/17/86	3	4	
SAMO0087	Yes	01051	LEAD, TOTAL (UG/L AS PB)	05/31/84-08/29/84	0	4	
SAMO0088	Yes	01051	LEAD, TOTAL (UG/L AS PB)	07/24/84-08/02/88	4	3	
SAMO0090	Yes	01051	LEAD, TOTAL (UG/L AS PB)	02/17/86-07/23/86	0	2	
SAMO0091	No	01051	LEAD, TOTAL (UG/L AS PB)	08/05/88-08/05/88	0	1	
SAMO0092	Yes	01051	LEAD, TOTAL (UG/L AS PB)	11/25/85-12/17/87	2	3	
SAMO0101	Yes	01051	LEAD, TOTAL (UG/L AS PB)	02/09/89-02/09/89	0	1	
SAMO0105	Yes	01051	LEAD, TOTAL (UG/L AS PB)	03/10/86-03/10/86	0	1	
SAMO0107	No	01051	LEAD, TOTAL (UG/L AS PB)	08/05/88-08/05/88	0	1	
SAMO0128	Yes	01051	LEAD, TOTAL (UG/L AS PB)	02/13/86-02/13/86	0	1	
SAMO0138	No	01051	LEAD, TOTAL (UG/L AS PB)	03/10/86-03/10/86	0	1	
SAMO0141	No	01051	LEAD, TOTAL (UG/L AS PB)	03/01/83-03/10/86	3	3	
SAMO0142	Yes	01051	LEAD, TOTAL (UG/L AS PB)	03/10/86-03/10/86	0	1	
SAMO0029	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	12/01/81-03/02/83	1	4	
SAMO0059	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	12/01/81-07/28/82	0	3	
SAMO0069	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	12/01/81-03/01/83	1	3	
SAMO0141	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	03/01/83-03/01/83	0	1	
SAMO0002	No	01055	MANGANESE, TOTAL (UG/L AS MN)	05/02/77-05/16/91	14	35	
SAMO0003	No	01055	MANGANESE, TOTAL (UG/L AS MN)	01/04/74-02/03/75	1	4	
SAMO0004	No	01055	MANGANESE, TOTAL (UG/L AS MN)	10/28/74-02/02/75	0	3	
SAMO0005	No	01055	MANGANESE, TOTAL (UG/L AS MN)	10/28/74-02/02/75	0	3	
SAMO0006	No	01055	MANGANESE, TOTAL (UG/L AS MN)	01/04/74-02/03/75	1	4	
SAMO0014	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	10/17/77-05/02/91	13	116	
SAMO0015	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	10/17/77-03/04/78	0	7	
SAMO0018	No	01055	MANGANESE, TOTAL (UG/L AS MN)	12/27/77-05/02/91	13	112	
SAMO0027	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	05/11/88-05/02/91	2	37	
SAMO0028	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	12/01/73-03/21/84	10	91	
SAMO0030	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	10/28/74-08/21/78	3	15	
SAMO0055	No	01055	MANGANESE, TOTAL (UG/L AS MN)	11/21/74-09/24/75	0	11	
SAMO0061	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	04/15/77-05/02/91	14	117	
SAMO0062	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	02/02/75-09/20/78	3	15	
SAMO0068	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	10/28/74-12/04/74	0	2	
SAMO0094	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	12/01/73-01/04/74	0	2	
SAMO0097	No	01055	MANGANESE, TOTAL (UG/L AS MN)	08/17/77-08/17/77	0	1	
SAMO0101	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	02/09/89-02/09/89	0	1	
SAMO0117	No	01055	MANGANESE, TOTAL (UG/L AS MN)	09/26/78-09/26/78	0	1	
SAMO0014	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	01/09/80-02/04/90	10	7	
SAMO0018	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	02/15/80-02/04/90	9	7	
SAMO0027	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	02/09/89-02/04/90	0	4	
SAMO0028	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	01/09/80-03/06/80	0	3	
SAMO0055	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/15/73-09/19/74	0	8	
SAMO0061	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	01/09/80-02/04/90	10	6	
SAMO0062	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/17/88-05/17/88	0	1	
SAMO0098	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/02/93-09/02/93	0	1	
SAMO0101	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	02/09/89-02/09/89	0	1	
SAMO0102	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/23/90-09/05/90	0	2	
SAMO0103	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/23/90-08/31/93	3	3	
SAMO0120	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/23/90-09/01/93	3	3	
SAMO0124	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/10/90-07/10/90	0	1	
SAMO0125	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	02/25/74-02/25/74	0	1	
SAMO0131	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	02/13/86-02/13/86	0	1	
SAMO0132	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	02/25/74-02/25/74	0	1	
SAMO0135	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/10/90-07/10/90	0	1	
SAMO0138	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	02/13/86-02/13/86	0	1	
SAMO0159	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/07/71-06/07/71	0	1	
SAMO0025	No	01059	THALLIUM, TOTAL (UG/L AS TL)	11/20/86-11/20/86	0	1	
SAMO0031	No	01059	THALLIUM, TOTAL (UG/L AS TL)	11/20/86-11/20/86	0	1	
SAMO0014	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	01/09/80-02/04/90	10	8	
SAMO0018	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	01/09/80-02/04/90	10	8	
SAMO0027	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	02/09/89-02/04/90	0	4	
SAMO0028	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	01/09/80-03/06/80	0	3	
SAMO0029	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	03/02/83-03/02/83	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation  
From 01/01/01 To 09/02/93**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
SAMO0061	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	01/09/80-02/04/90	10	6	
SAMO0069	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	03/01/83-03/01/83	0	1	
SAMO0086	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	11/10/82-11/10/82	0	1	
SAMO0101	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	02/09/89-02/09/89	0	1	
SAMO0131	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	02/13/86-02/13/86	0	1	
SAMO0138	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	02/13/86-02/13/86	0	1	
SAMO0141	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	03/01/83-03/01/83	0	1	
SAMO0002	No	01067	NICKEL, TOTAL (UG/L AS NI)	05/02/77-05/16/91	14	35	
SAMO0003	No	01067	NICKEL, TOTAL (UG/L AS NI)	01/04/74-02/03/75	1	4	
SAMO0004	No	01067	NICKEL, TOTAL (UG/L AS NI)	10/28/74-02/02/75	0	3	
SAMO0005	No	01067	NICKEL, TOTAL (UG/L AS NI)	10/28/74-02/02/75	0	3	
SAMO0006	No	01067	NICKEL, TOTAL (UG/L AS NI)	01/04/74-02/03/75	1	4	
SAMO0014	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	12/27/77-05/02/91	13	91	
SAMO0018	No	01067	NICKEL, TOTAL (UG/L AS NI)	12/27/77-05/02/91	13	87	
SAMO0025	No	01067	NICKEL, TOTAL (UG/L AS NI)	11/20/86-11/20/86	0	1	
SAMO0027	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	05/11/88-05/02/91	2	37	
SAMO0028	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	12/01/73-03/21/84	10	53	
SAMO0029	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	07/27/82-07/27/82	0	1	
SAMO0030	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	10/28/74-02/02/75	0	3	
SAMO0031	No	01067	NICKEL, TOTAL (UG/L AS NI)	11/20/86-11/20/86	0	1	
SAMO0059	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	07/28/82-07/28/82	0	1	
SAMO0061	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	04/15/77-05/02/91	14	81	
SAMO0062	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	02/02/75-02/02/75	0	1	
SAMO0068	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	10/28/74-12/04/74	0	2	
SAMO0069	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	07/28/82-07/28/82	0	1	
SAMO0094	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	12/01/73-01/04/74	0	2	
SAMO0101	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	02/09/89-02/09/89	0	1	
SAMO0029	Yes	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	04/07/82-03/02/83	0	3	
SAMO0059	Yes	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	04/07/82-07/28/82	0	2	
SAMO0069	Yes	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	04/07/82-03/01/83	0	2	
SAMO0141	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	03/01/83-03/01/83	0	1	
SAMO0008	No	01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI UG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI UG/L	10/17/86-10/17/86	0	1	
SAMO0016	No	01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI UG/L	11/03/86-11/03/86	0	1	
SAMO0023	No	01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI UG/L	11/03/86-11/03/86	0	1	
SAMO0014	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	01/09/80-02/04/90	10	8	
SAMO0018	No	01075	SILVER, DISSOLVED (UG/L AS AG)	01/09/80-02/04/90	10	8	
SAMO0027	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	02/09/89-02/04/90	0	4	
SAMO0028	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	01/09/80-03/06/80	0	3	
SAMO0061	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	01/09/80-02/04/90	10	6	
SAMO0101	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	02/09/89-02/09/89	0	1	
SAMO0002	No	01077	SILVER, TOTAL (UG/L AS AG)	05/02/77-05/16/91	14	35	
SAMO0003	No	01077	SILVER, TOTAL (UG/L AS AG)	01/04/74-02/03/75	1	4	
SAMO0004	No	01077	SILVER, TOTAL (UG/L AS AG)	10/28/74-02/02/75	0	3	
SAMO0005	No	01077	SILVER, TOTAL (UG/L AS AG)	10/28/74-02/02/75	0	3	
SAMO0006	No	01077	SILVER, TOTAL (UG/L AS AG)	01/04/74-02/03/75	1	4	
SAMO0014	Yes	01077	SILVER, TOTAL (UG/L AS AG)	12/27/77-05/02/91	13	89	
SAMO0015	Yes	01077	SILVER, TOTAL (UG/L AS AG)	12/27/77-03/04/78	0	6	
SAMO0018	No	01077	SILVER, TOTAL (UG/L AS AG)	12/27/77-05/02/91	13	85	
SAMO0025	No	01077	SILVER, TOTAL (UG/L AS AG)	11/20/86-11/20/86	0	1	
SAMO0027	Yes	01077	SILVER, TOTAL (UG/L AS AG)	05/11/88-05/02/91	2	37	
SAMO0028	Yes	01077	SILVER, TOTAL (UG/L AS AG)	12/01/73-03/21/84	10	53	
SAMO0030	Yes	01077	SILVER, TOTAL (UG/L AS AG)	10/28/74-02/28/78	3	8	
SAMO0031	No	01077	SILVER, TOTAL (UG/L AS AG)	11/20/86-11/20/86	0	1	
SAMO0055	No	01077	SILVER, TOTAL (UG/L AS AG)	01/26/75-09/24/75	0	8	
SAMO0061	Yes	01077	SILVER, TOTAL (UG/L AS AG)	04/15/77-05/02/91	14	81	
SAMO0062	Yes	01077	SILVER, TOTAL (UG/L AS AG)	02/02/75-02/28/78	3	6	
SAMO0068	Yes	01077	SILVER, TOTAL (UG/L AS AG)	10/28/74-12/04/74	0	2	
SAMO0094	Yes	01077	SILVER, TOTAL (UG/L AS AG)	12/01/73-01/04/74	0	2	
SAMO0101	Yes	01077	SILVER, TOTAL (UG/L AS AG)	02/09/89-02/09/89	0	1	
SAMO0008	No	01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG UG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG UG/L	10/17/86-10/17/86	0	1	
SAMO0016	No	01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG UG/L	11/03/86-11/03/86	0	1	
SAMO0023	No	01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG UG/L	11/03/86-11/03/86	0	1	
SAMO0054	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/13/83-07/13/83	0	1	
SAMO0098	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	09/02/93-09/02/93	0	1	
SAMO0103	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/31/93-08/31/93	0	1	
SAMO0120	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	09/01/93-09/01/93	0	1	
SAMO0014	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	01/09/80-02/04/90	10	8	
SAMO0018	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	01/09/80-02/04/90	10	8	
SAMO0027	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	02/09/89-02/04/90	0	4	
SAMO0028	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	01/09/80-03/06/80	0	3	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 01/01/01 To 09/02/93**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
SAMO0055	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	10/15/73-09/19/74	0	8	
SAMO0061	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	01/09/80-02/04/90	10	6	
SAMO0101	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	02/09/89-02/09/89	0	1	
SAMO0125	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	02/25/74-02/25/74	0	1	
SAMO0131	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	02/13/86-02/13/86	0	1	
SAMO0132	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	02/25/74-02/25/74	0	1	
SAMO0138	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	02/13/86-02/13/86	0	1	
SAMO0159	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	06/07/71-06/07/71	0	1	
SAMO0002	No	01092	ZINC, TOTAL (UG/L AS ZN)	05/02/77-05/16/91	14	35	
SAMO0003	No	01092	ZINC, TOTAL (UG/L AS ZN)	01/04/74-02/03/75	1	4	
SAMO0004	No	01092	ZINC, TOTAL (UG/L AS ZN)	10/28/74-02/02/75	0	3	
SAMO0005	No	01092	ZINC, TOTAL (UG/L AS ZN)	10/28/74-02/02/75	0	3	
SAMO0006	No	01092	ZINC, TOTAL (UG/L AS ZN)	01/04/74-02/03/75	1	4	
SAMO0014	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	12/27/77-05/02/91	13	91	
SAMO0015	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	12/27/77-03/04/78	0	6	
SAMO0018	No	01092	ZINC, TOTAL (UG/L AS ZN)	12/27/77-05/02/91	13	87	
SAMO0025	No	01092	ZINC, TOTAL (UG/L AS ZN)	11/20/86-11/20/86	0	1	
SAMO0027	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	05/11/88-05/02/91	2	37	
SAMO0028	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	12/01/73-03/21/84	10	53	
SAMO0029	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	01/02/82-08/03/88	6	13	
SAMO0030	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	10/28/74-02/28/78	3	7	
SAMO0031	No	01092	ZINC, TOTAL (UG/L AS ZN)	11/20/86-11/20/86	0	1	
SAMO0032	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	05/30/84-08/03/88	4	9	
SAMO0054	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	05/30/84-02/01/86	1	4	
SAMO0055	No	01092	ZINC, TOTAL (UG/L AS ZN)	11/21/74-09/24/75	0	11	
SAMO0059	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	01/01/82-08/04/88	6	3	
SAMO0061	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	04/15/77-05/02/91	14	81	
SAMO0062	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	02/02/75-02/08/78	3	5	
SAMO0066	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	12/17/87-08/03/88	0	2	
SAMO0068	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	10/28/74-10/28/74	0	1	
SAMO0069	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	01/02/82-08/02/88	6	14	
SAMO0073	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	08/04/88-08/04/88	0	1	
SAMO0083	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	08/05/88-08/05/88	0	1	
SAMO0084	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	01/02/82-01/02/82	0	1	
SAMO0086	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	11/10/82-02/17/86	3	4	
SAMO0087	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	05/31/84-08/29/84	0	4	
SAMO0088	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	07/24/84-08/02/88	4	3	
SAMO0090	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	02/17/86-07/23/86	0	2	
SAMO0091	No	01092	ZINC, TOTAL (UG/L AS ZN)	08/05/88-08/05/88	0	1	
SAMO0092	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	11/25/85-12/17/87	2	3	
SAMO0094	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	12/01/73-01/04/74	0	2	
SAMO0101	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	02/09/89-02/09/89	0	1	
SAMO0105	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	03/10/86-03/10/86	0	1	
SAMO0107	No	01092	ZINC, TOTAL (UG/L AS ZN)	08/05/88-08/05/88	0	1	
SAMO0117	No	01092	ZINC, TOTAL (UG/L AS ZN)	09/26/78-09/26/78	0	1	
SAMO0128	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	02/13/86-02/13/86	0	1	
SAMO0138	No	01092	ZINC, TOTAL (UG/L AS ZN)	03/10/86-03/10/86	0	1	
SAMO0141	No	01092	ZINC, TOTAL (UG/L AS ZN)	03/01/83-03/10/86	3	3	
SAMO0142	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	03/10/86-03/10/86	0	1	
SAMO0029	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	12/01/81-03/02/83	1	4	
SAMO0059	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	12/01/81-07/28/82	0	3	
SAMO0069	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	12/01/81-03/01/83	1	3	
SAMO0141	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	03/01/83-03/01/83	0	1	
SAMO0008	No	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	10/17/86-10/17/86	0	1	
SAMO0016	No	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	11/03/86-11/03/86	0	1	
SAMO0023	No	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	11/03/86-11/03/86	0	1	
SAMO0008	No	01097	ANTIMONY, TOTAL (UG/L AS SB)	10/31/86-10/31/86	0	1	
SAMO0013	No	01097	ANTIMONY, TOTAL (UG/L AS SB)	10/17/86-10/17/86	0	1	
SAMO0016	No	01097	ANTIMONY, TOTAL (UG/L AS SB)	11/03/86-11/03/86	0	1	
SAMO0023	No	01097	ANTIMONY, TOTAL (UG/L AS SB)	11/03/86-11/03/86	0	1	
SAMO0025	No	01097	ANTIMONY, TOTAL (UG/L AS SB)	11/20/86-11/20/86	0	1	
SAMO0031	No	01097	ANTIMONY, TOTAL (UG/L AS SB)	11/20/86-11/20/86	0	1	
SAMO0025	No	01102	TIN, TOTAL (UG/L AS SN)	11/20/86-11/20/86	0	1	
SAMO0031	No	01102	TIN, TOTAL (UG/L AS SN)	11/20/86-11/20/86	0	1	
SAMO0102	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/05/90-09/05/90	0	1	
SAMO0103	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/05/90-09/05/90	0	1	
SAMO0120	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/05/90-09/05/90	0	1	
SAMO0008	No	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	10/17/86-10/17/86	0	1	
SAMO0016	No	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	11/03/86-11/03/86	0	1	
SAMO0023	No	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	11/03/86-11/03/86	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 01/01/01 To 09/02/93**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
SAMO0008	No	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	10/17/86-10/17/86	0	1	
SAMO0016	No	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	11/03/86-11/03/86	0	1	
SAMO0023	No	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	11/03/86-11/03/86	0	1	
SAMO0008	No	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	10/17/86-10/17/86	0	1	
SAMO0016	No	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	11/03/86-11/03/86	0	1	
SAMO0023	No	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	11/03/86-11/03/86	0	1	
SAMO0008	No	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	10/17/86-10/17/86	0	1	
SAMO0016	No	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	11/03/86-11/03/86	0	1	
SAMO0023	No	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	11/03/86-11/03/86	0	1	
SAMO0008	No	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	10/17/86-10/17/86	0	1	
SAMO0016	No	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	11/03/86-11/03/86	0	1	
SAMO0023	No	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	11/03/86-11/03/86	0	1	
SAMO0025	No	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	11/20/86-11/20/86	0	1	
SAMO0031	No	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	11/20/86-11/20/86	0	1	
SAMO0060	Yes	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	12/15/86-12/15/86	0	1	
SAMO0151	No	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	12/11/86-12/11/86	0	1	
SAMO0014	Yes	01132	LITHIUM, TOTAL (UG/L AS LI)	10/22/87-12/16/87	0	2	
SAMO0014	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	01/09/80-02/04/90	10	8	
SAMO0018	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	01/09/80-02/04/90	10	8	
SAMO0027	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	02/09/89-02/04/90	0	4	
SAMO0028	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	01/09/80-03/06/80	0	3	
SAMO0055	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/15/73-09/19/74	0	8	
SAMO0061	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	01/09/80-02/04/90	10	6	
SAMO0062	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	05/17/88-05/17/88	0	1	
SAMO0101	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	02/09/89-02/09/89	0	1	
SAMO0131	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	02/13/86-02/13/86	0	1	
SAMO0138	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	02/13/86-02/13/86	0	1	
SAMO0159	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	06/07/71-06/07/71	0	1	
SAMO0002	No	01147	SELENIUM, TOTAL (UG/L AS SE)	05/02/77-05/16/91	14	35	
SAMO0003	No	01147	SELENIUM, TOTAL (UG/L AS SE)	01/04/74-02/03/75	1	4	
SAMO0004	No	01147	SELENIUM, TOTAL (UG/L AS SE)	10/28/74-02/02/75	0	3	
SAMO0005	No	01147	SELENIUM, TOTAL (UG/L AS SE)	10/28/74-02/02/75	0	3	
SAMO0006	No	01147	SELENIUM, TOTAL (UG/L AS SE)	01/04/74-02/03/75	1	4	
SAMO0014	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	12/27/77-05/02/91	13	53	
SAMO0015	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	12/27/77-03/04/78	0	6	
SAMO0018	No	01147	SELENIUM, TOTAL (UG/L AS SE)	12/27/77-05/02/91	13	50	
SAMO0025	No	01147	SELENIUM, TOTAL (UG/L AS SE)	11/20/86-11/20/86	0	1	
SAMO0027	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	05/11/88-05/02/91	2	37	
SAMO0028	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	12/01/73-01/28/81	7	19	
SAMO0029	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	07/27/82-08/03/88	6	13	
SAMO0030	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	10/28/74-02/28/78	3	8	
SAMO0031	No	01147	SELENIUM, TOTAL (UG/L AS SE)	11/20/86-11/20/86	0	1	
SAMO0032	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	05/30/84-08/03/88	4	9	
SAMO0054	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	05/30/84-02/01/86	1	4	
SAMO0055	No	01147	SELENIUM, TOTAL (UG/L AS SE)	11/21/74-09/24/75	0	11	
SAMO0059	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	07/28/82-08/04/88	6	2	
SAMO0061	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	04/15/77-05/02/91	14	47	
SAMO0062	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	02/02/75-02/28/78	3	6	
SAMO0066	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	12/17/87-08/03/88	0	2	
SAMO0068	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	10/28/74-12/04/74	0	2	
SAMO0069	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	07/28/82-08/02/88	6	12	
SAMO0083	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	08/05/88-08/05/88	0	1	
SAMO0086	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	11/10/82-02/17/86	3	4	
SAMO0087	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	05/31/84-08/29/84	0	4	
SAMO0088	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	07/24/84-08/02/88	4	3	
SAMO0090	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	02/17/86-07/23/86	0	2	
SAMO0091	No	01147	SELENIUM, TOTAL (UG/L AS SE)	08/05/88-08/05/88	0	1	
SAMO0092	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	11/25/85-12/17/87	2	3	
SAMO0094	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	12/01/73-01/04/74	0	2	
SAMO0101	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	02/09/89-02/09/89	0	1	
SAMO0105	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	03/10/86-03/10/86	0	1	
SAMO0107	No	01147	SELENIUM, TOTAL (UG/L AS SE)	08/05/88-08/05/88	0	1	
SAMO0128	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	02/13/86-02/13/86	0	1	
SAMO0131	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	02/13/86-02/13/86	0	1	
SAMO0138	No	01147	SELENIUM, TOTAL (UG/L AS SE)	02/13/86-03/10/86	0	2	
SAMO0141	No	01147	SELENIUM, TOTAL (UG/L AS SE)	03/01/83-03/10/86	3	3	
SAMO0142	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	03/10/86-03/10/86	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

# **Station/Parameter Period of Record Tabulation** **From 01/01/01 To 09/02/93**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
SAMO0029	Yes	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	12/01/81-03/02/83	1	4	
SAMO0059	Yes	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	12/01/81-07/28/82	0	3	
SAMO0069	Yes	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	12/01/81-03/01/83	1	3	
SAMO0141	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	03/01/83-03/01/83	0	1	
SAMO0029	Yes	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	12/01/81-12/01/81	0	1	
SAMO0059	Yes	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	12/01/81-12/01/81	0	1	
SAMO0069	Yes	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	12/01/81-12/01/81	0	1	
SAMO0014	Yes	01220	CHROMIUM, HEXAVALENT, DISSOLVED IN (UG/L AS CR)	01/09/80-02/04/90	10	8	
SAMO0018	No	01220	CHROMIUM, HEXAVALENT, DISSOLVED IN (UG/L AS CR)	01/09/80-02/04/90	10	8	
SAMO0027	Yes	01220	CHROMIUM, HEXAVALENT, DISSOLVED IN (UG/L AS CR)	02/09/89-02/04/90	0	4	
SAMO0028	Yes	01220	CHROMIUM, HEXAVALENT, DISSOLVED IN (UG/L AS CR)	01/09/80-03/06/80	0	3	
SAMO0061	Yes	01220	CHROMIUM, HEXAVALENT, DISSOLVED IN (UG/L AS CR)	01/09/80-02/04/90	10	6	
SAMO0062	Yes	01220	CHROMIUM, HEXAVALENT, DISSOLVED IN (UG/L AS CR)	05/17/88-05/17/88	0	1	
SAMO0101	Yes	01220	CHROMIUM, HEXAVALENT, DISSOLVED IN (UG/L AS CR)	02/09/89-02/09/89	0	1	
SAMO0125	No	01220	CHROMIUM, HEXAVALENT, DISSOLVED IN (UG/L AS CR)	02/25/74-02/25/74	0	1	
SAMO0132	No	01220	CHROMIUM, HEXAVALENT, DISSOLVED IN (UG/L AS CR)	02/25/74-02/25/74	0	1	
SAMO0008	No	01291	CYANIDE, FILTERABLE, TOTAL IN WATER UG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	01291	CYANIDE, FILTERABLE, TOTAL IN WATER UG/L	10/17/86-10/17/86	0	1	
SAMO0016	No	01291	CYANIDE, FILTERABLE, TOTAL IN WATER UG/L	11/03/86-11/03/86	0	1	
SAMO0023	No	01291	CYANIDE, FILTERABLE, TOTAL IN WATER UG/L	11/03/86-11/03/86	0	1	
SAMO0025	No	01291	CYANIDE, FILTERABLE, TOTAL IN WATER UG/L	11/20/86-11/20/86	0	1	
SAMO0031	No	01291	CYANIDE, FILTERABLE, TOTAL IN WATER UG/L	11/20/86-11/20/86	0	1	
SAMO0060	Yes	01291	CYANIDE, FILTERABLE, TOTAL IN WATER UG/L	12/15/86-12/15/86	0	1	
SAMO0151	No	01291	CYANIDE, FILTERABLE, TOTAL IN WATER UG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	01291	CYANIDE, FILTERABLE, TOTAL IN WATER UG/L	12/11/86-12/11/86	0	1	
SAMO0092	Yes	30154	DIBENZO(AH)ANTHRACENE, SOIL, RECOVERABLE, MG/KG	12/17/87-12/17/87	0	1	
SAMO0057	No	30344	PENTACHLORODIBENZO-P-DIOXIN,12378,FISH,WET WT,PG/G	05/18/88-05/18/88	0	2	
SAMO0057	No	30345	HEXACHLORODIBENZO-P-DIOXIN,123478,FISH,WET WT,PG/G	05/18/88-05/18/88	0	2	
SAMO0057	No	30346	HEXACHLORODIBENZO-P-DIOXIN,123678,FISH,WET WT,PG/G	05/18/88-05/18/88	0	2	
SAMO0057	No	30347	HEXACHLORODIBENZO-P-DIOXIN,123789,FISH,WET WT,PG/G	05/18/88-05/18/88	0	2	
SAMO0057	No	30348	HEPTACHLORODIBENZO-P-DIOXIN,1234678,TIS,WETWT,PG/G	05/18/88-05/18/88	0	2	
SAMO0057	No	30349	TETRACHLORODIBENZOFURAN, 2378- , FISH,WET WT,PG/G	05/18/88-05/18/88	0	2	
SAMO0057	No	30350	PENTACHLORODIBENZOFURAN,12378- , FISH,WET WT,PG/G	05/18/88-05/18/88	0	2	
SAMO0057	No	30351	PENTACHLORODIBENZOFURAN,23478- , FISH,WET WT,PG/G	05/18/88-05/18/88	0	2	
SAMO0057	No	30352	HEXACHLORODIBENZOFURAN,123478- , FISH,WET WT,PG/G	05/18/88-05/18/88	0	2	
SAMO0057	No	30353	HEXACHLORODIBENZOFURAN,123678- , FISH,WET WT,PG/G	05/18/88-05/18/88	0	2	
SAMO0057	No	30354	HEXACHLORODIBENZOFURAN,123789- , FISH,WET WT,PG/G	05/18/88-05/18/88	0	2	
SAMO0057	No	30355	HEXACHLORODIBENZOFURAN,234678- , FISH,WET WT,PG/G	05/18/88-05/18/88	0	2	
SAMO0057	No	30356	HEPTACHLORODIBENZOFURAN,1234678- ,FISH,WET WT,PG/G	05/18/88-05/18/88	0	2	
SAMO0057	No	30357	HEPTACHLORODIBENZOFURAN,1234789- ,FISH,WET WT,PG/G	05/18/88-05/18/88	0	2	
SAMO0002	No	31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	07/05/67-05/16/91	23	223	T,A,S
SAMO0003	No	31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	01/04/74-02/03/75	1	4	
SAMO0006	No	31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	01/04/74-02/03/75	1	4	
SAMO0014	Yes	31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	07/18/74-05/02/91	16	142	
SAMO0018	No	31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	12/04/74-05/02/91	16	118	
SAMO0027	Yes	31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	05/11/88-05/02/91	2	37	
SAMO0028	Yes	31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	08/04/71-03/21/84	12	166	A
SAMO0061	Yes	31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	08/04/71-05/02/91	19	184	T,A
SAMO0101	Yes	31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	05/11/88-02/09/89	0	3	
SAMO0002	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/70-05/16/91	20	180	T,A
SAMO0003	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/04/74-02/03/75	1	4	
SAMO0006	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/04/74-02/03/75	1	4	
SAMO0014	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/18/74-05/02/91	16	140	
SAMO0018	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/04/74-05/02/91	16	117	
SAMO0027	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/11/88-05/02/91	2	37	
SAMO0028	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/04/71-03/21/84	12	162	A
SAMO0029	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/03/88-08/03/88	0	1	
SAMO0032	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/03/88-08/03/88	0	1	
SAMO0061	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/04/71-05/02/91	19	182	T,A
SAMO0066	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/03/88-08/03/88	0	1	
SAMO0069	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/02/88-08/02/88	0	1	
SAMO0088	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/02/88-08/02/88	0	1	
SAMO0101	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/11/88-02/09/89	0	3	
SAMO0029	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	01/02/82-08/03/88	6	13	
SAMO0032	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	01/01/82-08/03/88	6	12	
SAMO0054	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	03/18/82-02/01/86	3	6	
SAMO0059	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	01/01/82-07/28/82	0	3	
SAMO0066	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	08/03/88-08/03/88	0	1	
SAMO0069	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	01/02/82-09/17/87	5	12	
SAMO0084	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	01/02/82-07/27/82	0	3	
SAMO0086	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	02/17/86-02/17/86	0	1	
SAMO0087	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	01/01/82-08/29/84	2	7	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

# Station/Parameter Period of Record Tabulation From 01/01/01 To 09/02/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
SAMO0088	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	03/18/82-08/02/88	6	4	
SAMO0090	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	02/17/86-07/23/86	0	2	
SAMO0092	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	11/25/85-12/17/87	2	3	
SAMO0128	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	02/13/86-02/13/86	0	1	
SAMO0131	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	03/17/82-02/13/86	3	2	
SAMO0138	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	03/17/82-03/17/82	0	2	
SAMO0142	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	03/10/86-03/10/86	0	1	
SAMO0002	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/01/68-05/16/91	22	207	T,A,S
SAMO0003	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	01/04/74-02/03/75	1	4	
SAMO0006	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	01/04/74-02/03/75	1	4	
SAMO0014	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/18/74-05/02/91	16	134	
SAMO0018	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	12/04/74-05/02/91	16	113	
SAMO0027	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/11/88-05/02/91	2	37	
SAMO0028	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/04/71-03/21/84	12	167	A
SAMO0029	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	01/02/82-09/17/87	5	12	
SAMO0032	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	01/01/82-09/17/87	5	10	
SAMO0054	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/18/82-02/01/86	3	6	
SAMO0059	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	01/01/82-07/28/82	0	3	
SAMO0061	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/04/71-05/02/91	19	186	T,A
SAMO0069	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	01/02/82-08/02/88	6	13	
SAMO0084	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	01/02/82-07/27/82	0	3	
SAMO0086	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	02/17/86-02/17/86	0	1	
SAMO0087	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	01/01/82-08/29/84	2	7	
SAMO0088	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/18/82-08/02/88	6	4	
SAMO0090	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	02/17/86-07/23/86	0	2	
SAMO0092	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/25/85-12/17/87	2	3	
SAMO0101	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/11/88-02/09/89	0	3	
SAMO0128	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	02/13/86-02/13/86	0	1	
SAMO0131	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/17/82-02/13/86	3	2	
SAMO0138	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/17/82-03/17/82	0	1	
SAMO0142	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/10/86-03/10/86	0	1	
SAMO0002	No	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	03/18/91-05/16/91	0	3	
SAMO0014	Yes	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	03/12/91-05/02/91	0	3	
SAMO0018	No	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	03/12/91-05/02/91	0	3	
SAMO0027	Yes	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	03/12/91-05/02/91	0	3	
SAMO0061	Yes	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	03/12/91-05/02/91	0	3	
SAMO0007	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	03/24/87-03/24/87	0	1	
SAMO0013	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	10/12/86-03/24/87	0	3	
SAMO0016	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	11/03/86-04/09/87	0	2	
SAMO0017	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	03/24/87-03/24/87	0	1	
SAMO0019	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	12/23/86-12/23/86	0	1	
SAMO0021	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	05/19/87-05/19/87	0	1	
SAMO0023	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	11/03/86-04/09/87	0	2	
SAMO0024	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	03/24/87-03/24/87	0	1	
SAMO0025	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	11/20/86-04/14/87	0	2	
SAMO0026	Yes	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	12/23/86-12/23/86	0	1	
SAMO0031	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	11/20/86-03/24/87	0	2	
SAMO0033	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	12/04/86-04/14/87	0	2	
SAMO0034	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	12/04/86-04/14/87	0	2	
SAMO0035	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	03/24/87-03/24/87	0	1	
SAMO0036	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	12/04/86-12/04/86	0	1	
SAMO0037	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	12/04/86-12/04/86	0	1	
SAMO0049	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	12/04/86-12/04/86	0	1	
SAMO0052	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	04/14/87-04/14/87	0	1	
SAMO0060	Yes	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	12/15/86-12/15/86	0	1	
SAMO0071	Yes	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	12/23/86-12/23/86	0	1	
SAMO0096	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	01/08/87-01/08/87	0	1	
SAMO0139	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	01/29/87-01/29/87	0	1	
SAMO0151	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	12/11/86-04/14/87	0	2	
SAMO0165	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	04/14/87-04/14/87	0	1	
SAMO0166	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	06/17/87-06/17/87	0	1	
SAMO0167	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	06/17/87-06/17/87	0	1	
SAMO0174	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	06/17/87-06/17/87	0	1	
SAMO0007	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	03/24/87-03/24/87	0	1	
SAMO0013	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	10/12/86-03/24/87	0	2	
SAMO0014	Yes	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	07/10/89-07/10/89	0	1	
SAMO0016	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	11/03/86-04/09/87	0	2	
SAMO0017	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	03/24/87-03/24/87	0	1	
SAMO0019	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	12/23/86-12/23/86	0	1	
SAMO0021	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	05/19/87-05/19/87	0	1	
SAMO0023	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	11/03/86-04/09/87	0	2	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 01/01/01 To 09/02/93**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
SAMO0024	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	03/24/87-03/24/87	0	1	
SAMO0025	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	11/20/86-04/14/87	0	2	
SAMO0026	Yes	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	12/23/86-12/23/86	0	1	
SAMO0031	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	11/20/86-03/24/87	0	2	
SAMO0033	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	12/04/86-04/14/87	0	2	
SAMO0034	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	12/04/86-04/14/87	0	2	
SAMO0035	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	03/24/87-03/24/87	0	1	
SAMO0036	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	12/04/86-12/04/86	0	1	
SAMO0037	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	12/04/86-12/04/86	0	1	
SAMO0049	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	12/04/86-12/04/86	0	1	
SAMO0052	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	04/14/87-04/14/87	0	1	
SAMO0060	Yes	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	12/15/86-12/15/86	0	1	
SAMO0071	Yes	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	12/23/86-12/23/86	0	1	
SAMO0096	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	01/08/87-01/08/87	0	1	
SAMO0139	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	01/29/87-01/29/87	0	1	
SAMO0151	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	12/11/86-04/14/87	0	2	
SAMO0165	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	04/14/87-04/14/87	0	1	
SAMO0166	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	06/17/87-06/17/87	0	1	
SAMO0167	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	06/17/87-06/17/87	0	1	
SAMO0174	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	06/17/87-06/17/87	0	1	
SAMO0007	No	32104	BROMOFORM,WHOLE WATER,UG/L	03/24/87-03/24/87	0	1	
SAMO0013	No	32104	BROMOFORM,WHOLE WATER,UG/L	10/12/86-03/24/87	0	2	
SAMO0016	No	32104	BROMOFORM,WHOLE WATER,UG/L	11/03/86-04/09/87	0	2	
SAMO0017	No	32104	BROMOFORM,WHOLE WATER,UG/L	03/24/87-03/24/87	0	1	
SAMO0019	No	32104	BROMOFORM,WHOLE WATER,UG/L	12/23/86-12/23/86	0	1	
SAMO0021	No	32104	BROMOFORM,WHOLE WATER,UG/L	05/19/87-05/19/87	0	1	
SAMO0023	No	32104	BROMOFORM,WHOLE WATER,UG/L	11/03/86-04/09/87	0	2	
SAMO0024	No	32104	BROMOFORM,WHOLE WATER,UG/L	03/24/87-03/24/87	0	1	
SAMO0025	No	32104	BROMOFORM,WHOLE WATER,UG/L	11/20/86-04/14/87	0	2	
SAMO0026	Yes	32104	BROMOFORM,WHOLE WATER,UG/L	12/23/86-12/23/86	0	1	
SAMO0031	No	32104	BROMOFORM,WHOLE WATER,UG/L	11/20/86-03/24/87	0	2	
SAMO0033	No	32104	BROMOFORM,WHOLE WATER,UG/L	12/04/86-04/14/87	0	2	
SAMO0034	No	32104	BROMOFORM,WHOLE WATER,UG/L	12/04/86-04/14/87	0	2	
SAMO0035	No	32104	BROMOFORM,WHOLE WATER,UG/L	03/24/87-03/24/87	0	1	
SAMO0036	No	32104	BROMOFORM,WHOLE WATER,UG/L	12/04/86-12/04/86	0	1	
SAMO0037	No	32104	BROMOFORM,WHOLE WATER,UG/L	12/04/86-12/04/86	0	1	
SAMO0049	No	32104	BROMOFORM,WHOLE WATER,UG/L	12/04/86-12/04/86	0	1	
SAMO0052	No	32104	BROMOFORM,WHOLE WATER,UG/L	04/14/87-04/14/87	0	1	
SAMO0060	Yes	32104	BROMOFORM,WHOLE WATER,UG/L	12/15/86-12/15/86	0	1	
SAMO0071	Yes	32104	BROMOFORM,WHOLE WATER,UG/L	12/23/86-12/23/86	0	1	
SAMO0096	No	32104	BROMOFORM,WHOLE WATER,UG/L	01/08/87-01/08/87	0	1	
SAMO0139	No	32104	BROMOFORM,WHOLE WATER,UG/L	01/29/87-01/29/87	0	1	
SAMO0151	No	32104	BROMOFORM,WHOLE WATER,UG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	32104	BROMOFORM,WHOLE WATER,UG/L	12/11/86-04/14/87	0	2	
SAMO0165	No	32104	BROMOFORM,WHOLE WATER,UG/L	04/14/87-04/14/87	0	1	
SAMO0166	No	32104	BROMOFORM,WHOLE WATER,UG/L	06/17/87-06/17/87	0	1	
SAMO0167	No	32104	BROMOFORM,WHOLE WATER,UG/L	06/17/87-06/17/87	0	1	
SAMO0174	No	32104	BROMOFORM,WHOLE WATER,UG/L	06/17/87-06/17/87	0	1	
SAMO0007	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	03/24/87-03/24/87	0	1	
SAMO0013	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	10/12/86-03/24/87	0	2	
SAMO0016	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	11/03/86-04/09/87	0	2	
SAMO0017	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	03/24/87-03/24/87	0	1	
SAMO0019	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	12/23/86-12/23/86	0	1	
SAMO0021	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	05/19/87-05/19/87	0	1	
SAMO0023	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	11/03/86-04/09/87	0	2	
SAMO0024	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	03/24/87-03/24/87	0	1	
SAMO0025	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	11/20/86-04/14/87	0	2	
SAMO0026	Yes	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	12/23/86-12/23/86	0	1	
SAMO0031	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	11/20/86-03/24/87	0	2	
SAMO0033	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	12/04/86-04/14/87	0	2	
SAMO0034	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	12/04/86-04/14/87	0	2	
SAMO0035	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	03/24/87-03/24/87	0	1	
SAMO0036	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	12/04/86-12/04/86	0	1	
SAMO0037	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	12/04/86-12/04/86	0	1	
SAMO0049	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	12/04/86-12/04/86	0	1	
SAMO0052	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	04/14/87-04/14/87	0	1	
SAMO0060	Yes	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	12/15/86-12/15/86	0	1	
SAMO0071	Yes	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	12/23/86-12/23/86	0	1	
SAMO0096	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	01/08/87-01/08/87	0	1	
SAMO0139	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	01/29/87-01/29/87	0	1	
SAMO0151	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	12/11/86-12/11/86	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot



# **Station/Parameter Period of Record Tabulation** **From 01/01/01 To 09/02/93**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
SAMO0161	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	12/11/86-04/14/87	0	2	
SAMO0165	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	04/14/87-04/14/87	0	1	
SAMO0166	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	06/17/87-06/17/87	0	1	
SAMO0167	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	06/17/87-06/17/87	0	1	
SAMO0174	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	06/17/87-06/17/87	0	1	
SAMO0007	No	32106	CHLOROFORM,WHOLE WATER,UG/L	03/24/87-03/24/87	0	1	
SAMO0013	No	32106	CHLOROFORM,WHOLE WATER,UG/L	10/12/86-03/24/87	0	3	
SAMO0016	No	32106	CHLOROFORM,WHOLE WATER,UG/L	11/03/86-04/09/87	0	2	
SAMO0017	No	32106	CHLOROFORM,WHOLE WATER,UG/L	03/24/87-03/24/87	0	1	
SAMO0019	No	32106	CHLOROFORM,WHOLE WATER,UG/L	12/23/86-12/23/86	0	1	
SAMO0021	No	32106	CHLOROFORM,WHOLE WATER,UG/L	05/19/87-05/19/87	0	1	
SAMO0023	No	32106	CHLOROFORM,WHOLE WATER,UG/L	11/03/86-04/09/87	0	2	
SAMO0024	No	32106	CHLOROFORM,WHOLE WATER,UG/L	03/24/87-03/24/87	0	1	
SAMO0025	No	32106	CHLOROFORM,WHOLE WATER,UG/L	11/20/86-04/14/87	0	2	
SAMO0026	Yes	32106	CHLOROFORM,WHOLE WATER,UG/L	12/23/86-12/23/86	0	1	
SAMO0031	No	32106	CHLOROFORM,WHOLE WATER,UG/L	11/20/86-03/24/87	0	2	
SAMO0033	No	32106	CHLOROFORM,WHOLE WATER,UG/L	12/04/86-04/14/87	0	2	
SAMO0034	No	32106	CHLOROFORM,WHOLE WATER,UG/L	12/04/86-04/14/87	0	2	
SAMO0035	No	32106	CHLOROFORM,WHOLE WATER,UG/L	03/24/87-03/24/87	0	1	
SAMO0036	No	32106	CHLOROFORM,WHOLE WATER,UG/L	12/04/86-12/04/86	0	1	
SAMO0037	No	32106	CHLOROFORM,WHOLE WATER,UG/L	12/04/86-12/04/86	0	1	
SAMO0049	No	32106	CHLOROFORM,WHOLE WATER,UG/L	12/04/86-12/04/86	0	1	
SAMO0052	No	32106	CHLOROFORM,WHOLE WATER,UG/L	04/14/87-04/14/87	0	1	
SAMO0060	Yes	32106	CHLOROFORM,WHOLE WATER,UG/L	12/15/86-12/15/86	0	1	
SAMO0071	Yes	32106	CHLOROFORM,WHOLE WATER,UG/L	12/23/86-12/23/86	0	1	
SAMO0096	No	32106	CHLOROFORM,WHOLE WATER,UG/L	01/08/87-01/08/87	0	1	
SAMO0139	No	32106	CHLOROFORM,WHOLE WATER,UG/L	01/29/87-01/29/87	0	1	
SAMO0151	No	32106	CHLOROFORM,WHOLE WATER,UG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	32106	CHLOROFORM,WHOLE WATER,UG/L	12/11/86-04/14/87	0	2	
SAMO0165	No	32106	CHLOROFORM,WHOLE WATER,UG/L	04/14/87-04/14/87	0	1	
SAMO0166	No	32106	CHLOROFORM,WHOLE WATER,UG/L	06/17/87-06/17/87	0	1	
SAMO0167	No	32106	CHLOROFORM,WHOLE WATER,UG/L	06/17/87-06/17/87	0	1	
SAMO0174	No	32106	CHLOROFORM,WHOLE WATER,UG/L	06/17/87-06/17/87	0	1	
SAMO0014	Yes	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	07/17/85-12/16/87	2	5	
SAMO0018	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	07/09/85-07/07/87	1	3	
SAMO0055	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	10/15/73-09/24/75	1	19	
SAMO0007	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	03/24/87-03/24/87	0	1	
SAMO0013	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	10/12/86-03/24/87	0	2	
SAMO0016	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	11/03/86-04/09/87	0	2	
SAMO0017	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	03/24/87-03/24/87	0	1	
SAMO0019	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	12/23/86-12/23/86	0	1	
SAMO0021	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	05/19/87-05/19/87	0	1	
SAMO0023	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	11/03/86-04/09/87	0	2	
SAMO0024	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	03/24/87-03/24/87	0	1	
SAMO0025	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	11/20/86-04/14/87	0	2	
SAMO0026	Yes	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	12/23/86-12/23/86	0	1	
SAMO0031	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	11/20/86-03/24/87	0	2	
SAMO0033	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	12/04/86-04/14/87	0	2	
SAMO0034	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	12/04/86-04/14/87	0	2	
SAMO0035	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	03/24/87-03/24/87	0	1	
SAMO0036	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	12/04/86-12/04/86	0	1	
SAMO0037	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	12/04/86-12/04/86	0	1	
SAMO0049	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	12/04/86-12/04/86	0	1	
SAMO0052	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	04/14/87-04/14/87	0	1	
SAMO0060	Yes	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	12/15/86-12/15/86	0	1	
SAMO0071	Yes	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	12/23/86-12/23/86	0	1	
SAMO0096	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	01/08/87-01/08/87	0	1	
SAMO0139	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	01/29/87-01/29/87	0	1	
SAMO0151	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	12/11/86-12/11/86	0	1	
SAMO0161	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	12/11/86-04/14/87	0	2	
SAMO0165	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	04/14/87-04/14/87	0	1	
SAMO0166	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	06/17/87-06/17/87	0	1	
SAMO0167	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	06/17/87-06/17/87	0	1	
SAMO0174	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	06/17/87-06/17/87	0	1	
SAMO0007	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	03/24/87-03/24/87	0	1	
SAMO0013	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	10/12/86-03/24/87	0	2	
SAMO0014	Yes	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	07/10/89-07/10/89	0	1	
SAMO0016	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	11/03/86-04/09/87	0	2	
SAMO0017	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	03/24/87-03/24/87	0	1	
SAMO0019	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	12/23/86-12/23/86	0	1	
SAMO0021	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	05/19/87-05/19/87	0	1	
SAMO0023	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	11/03/86-04/09/87	0	2	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 01/01/01 To 09/02/93**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
SAMO0024	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	03/24/87-03/24/87	0	1	
SAMO0025	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	11/20/86-04/14/87	0	2	
SAMO0026	Yes	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	12/23/86-12/23/86	0	1	
SAMO0031	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	11/20/86-03/24/87	0	2	
SAMO0033	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	12/04/86-04/14/87	0	2	
SAMO0034	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	12/04/86-04/14/87	0	2	
SAMO0035	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	03/24/87-03/24/87	0	1	
SAMO0036	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	12/04/86-12/04/86	0	1	
SAMO0037	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	12/04/86-12/04/86	0	1	
SAMO0049	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	12/04/86-12/04/86	0	1	
SAMO0052	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	04/14/87-04/14/87	0	1	
SAMO0060	Yes	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	12/15/86-12/15/86	0	1	
SAMO0071	Yes	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	12/23/86-12/23/86	0	1	
SAMO0096	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	01/08/87-01/08/87	0	1	
SAMO0139	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	01/29/87-01/29/87	0	1	
SAMO0151	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	12/11/86-12/11/86	0	1	
SAMO0161	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	12/11/86-04/14/87	0	2	
SAMO0165	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	04/14/87-04/14/87	0	1	
SAMO0166	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	06/17/87-06/17/87	0	1	
SAMO0167	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	06/17/87-06/17/87	0	1	
SAMO0174	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	06/17/87-06/17/87	0	1	
SAMO0008	No	34200	ACENAPHTHYLENE TOTWUG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	34200	ACENAPHTHYLENE TOTWUG/L	10/12/86-10/12/86	0	1	
SAMO0016	No	34200	ACENAPHTHYLENE TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0023	No	34200	ACENAPHTHYLENE TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0025	No	34200	ACENAPHTHYLENE TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0031	No	34200	ACENAPHTHYLENE TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0060	Yes	34200	ACENAPHTHYLENE TOTWUG/L	12/15/86-12/15/86	0	1	
SAMO0151	No	34200	ACENAPHTHYLENE TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	34200	ACENAPHTHYLENE TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0008	No	34205	ACENAPHTHENE TOTWUG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	34205	ACENAPHTHENE TOTWUG/L	10/12/86-10/12/86	0	1	
SAMO0016	No	34205	ACENAPHTHENE TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0023	No	34205	ACENAPHTHENE TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0025	No	34205	ACENAPHTHENE TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0031	No	34205	ACENAPHTHENE TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0060	Yes	34205	ACENAPHTHENE TOTWUG/L	12/15/86-12/15/86	0	1	
SAMO0151	No	34205	ACENAPHTHENE TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	34205	ACENAPHTHENE TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0008	No	34220	ANTHRACENE TOTWUG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	34220	ANTHRACENE TOTWUG/L	10/12/86-10/12/86	0	1	
SAMO0016	No	34220	ANTHRACENE TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0023	No	34220	ANTHRACENE TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0025	No	34220	ANTHRACENE TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0031	No	34220	ANTHRACENE TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0060	Yes	34220	ANTHRACENE TOTWUG/L	12/15/86-12/15/86	0	1	
SAMO0151	No	34220	ANTHRACENE TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	34220	ANTHRACENE TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0008	No	34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	10/12/86-10/12/86	0	1	
SAMO0016	No	34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	11/03/86-11/03/86	0	1	
SAMO0023	No	34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	11/03/86-11/03/86	0	1	
SAMO0025	No	34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	11/20/86-11/20/86	0	1	
SAMO0031	No	34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	11/20/86-11/20/86	0	1	
SAMO0060	Yes	34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	12/15/86-12/15/86	0	1	
SAMO0151	No	34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	12/11/86-12/11/86	0	1	
SAMO0008	No	34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	10/12/86-10/12/86	0	1	
SAMO0016	No	34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	11/03/86-11/03/86	0	1	
SAMO0023	No	34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	11/03/86-11/03/86	0	1	
SAMO0025	No	34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	11/20/86-11/20/86	0	1	
SAMO0031	No	34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	11/20/86-11/20/86	0	1	
SAMO0060	Yes	34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	12/15/86-12/15/86	0	1	
SAMO0151	No	34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	12/11/86-12/11/86	0	1	
SAMO0008	No	34247	BENZO-A-PYRENE TOTWUG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	34247	BENZO-A-PYRENE TOTWUG/L	10/12/86-10/12/86	0	1	
SAMO0016	No	34247	BENZO-A-PYRENE TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0023	No	34247	BENZO-A-PYRENE TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0025	No	34247	BENZO-A-PYRENE TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0031	No	34247	BENZO-A-PYRENE TOTWUG/L	11/20/86-11/20/86	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation  
From 01/01/01 To 09/02/93**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
SAMO0060	Yes	34247	BENZO-A-PYRENE TOTWUG/L	12/15/86-12/15/86	0	1	
SAMO0151	No	34247	BENZO-A-PYRENE TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	34247	BENZO-A-PYRENE TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0002	No	34253	A-BHC-ALPHA DISSUG/L	05/18/88-12/12/91	3	36	
SAMO0014	Yes	34253	A-BHC-ALPHA DISSUG/L	05/11/88-12/05/91	3	40	
SAMO0018	No	34253	A-BHC-ALPHA DISSUG/L	02/09/89-02/04/90	0	4	
SAMO0027	Yes	34253	A-BHC-ALPHA DISSUG/L	02/09/89-02/16/91	2	5	
SAMO0061	Yes	34253	A-BHC-ALPHA DISSUG/L	08/15/88-06/05/90	1	6	
SAMO0101	Yes	34253	A-BHC-ALPHA DISSUG/L	02/09/89-02/09/89	0	1	
SAMO0008	No	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	10/12/86-10/12/86	0	1	
SAMO0016	No	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0023	No	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0025	No	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0031	No	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0060	Yes	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	12/15/86-12/15/86	0	1	
SAMO0151	No	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0008	No	34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	10/12/86-10/12/86	0	1	
SAMO0016	No	34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0023	No	34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0025	No	34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0031	No	34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0060	Yes	34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	12/15/86-12/15/86	0	1	
SAMO0151	No	34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0008	No	34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	10/12/86-10/12/86	0	1	
SAMO0016	No	34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0023	No	34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0025	No	34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0031	No	34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0060	Yes	34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	12/15/86-12/15/86	0	1	
SAMO0151	No	34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0008	No	34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	10/12/86-10/12/86	0	1	
SAMO0016	No	34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0023	No	34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0025	No	34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0031	No	34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0060	Yes	34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	12/15/86-12/15/86	0	1	
SAMO0151	No	34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0008	No	34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	10/12/86-10/12/86	0	1	
SAMO0016	No	34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	11/03/86-11/03/86	0	1	
SAMO0023	No	34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	11/03/86-11/03/86	0	1	
SAMO0025	No	34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	11/20/86-11/20/86	0	1	
SAMO0031	No	34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	11/20/86-11/20/86	0	1	
SAMO0060	Yes	34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	12/15/86-12/15/86	0	1	
SAMO0151	No	34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	12/11/86-12/11/86	0	1	
SAMO0007	No	34301	CHLOROBENZENE TOTWUG/L	03/24/87-03/24/87	0	1	
SAMO0013	No	34301	CHLOROBENZENE TOTWUG/L	10/12/86-03/24/87	0	2	
SAMO0016	No	34301	CHLOROBENZENE TOTWUG/L	11/03/86-04/09/87	0	2	
SAMO0017	No	34301	CHLOROBENZENE TOTWUG/L	03/24/87-03/24/87	0	1	
SAMO0019	No	34301	CHLOROBENZENE TOTWUG/L	12/23/86-12/23/86	0	1	
SAMO0021	No	34301	CHLOROBENZENE TOTWUG/L	05/19/87-05/19/87	0	1	
SAMO0023	No	34301	CHLOROBENZENE TOTWUG/L	11/03/86-04/09/87	0	2	
SAMO0024	No	34301	CHLOROBENZENE TOTWUG/L	03/24/87-03/24/87	0	1	
SAMO0025	No	34301	CHLOROBENZENE TOTWUG/L	11/20/86-04/14/87	0	2	
SAMO0026	Yes	34301	CHLOROBENZENE TOTWUG/L	12/23/86-12/23/86	0	1	
SAMO0031	No	34301	CHLOROBENZENE TOTWUG/L	11/20/86-03/24/87	0	2	
SAMO0033	No	34301	CHLOROBENZENE TOTWUG/L	12/04/86-04/14/87	0	2	
SAMO0034	No	34301	CHLOROBENZENE TOTWUG/L	12/04/86-04/14/87	0	2	
SAMO0035	No	34301	CHLOROBENZENE TOTWUG/L	03/24/87-03/24/87	0	1	
SAMO0036	No	34301	CHLOROBENZENE TOTWUG/L	12/04/86-12/04/86	0	1	
SAMO0037	No	34301	CHLOROBENZENE TOTWUG/L	12/04/86-12/04/86	0	1	
SAMO0049	No	34301	CHLOROBENZENE TOTWUG/L	12/04/86-12/04/86	0	1	
SAMO0052	No	34301	CHLOROBENZENE TOTWUG/L	04/14/87-04/14/87	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 01/01/01 To 09/02/93**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
SAMO0060	Yes	34301	CHLOROBENZENE TOTWUG/L	12/15/86-12/15/86	0	1	
SAMO0071	Yes	34301	CHLOROBENZENE TOTWUG/L	12/23/86-12/23/86	0	1	
SAMO0096	No	34301	CHLOROBENZENE TOTWUG/L	01/08/87-01/08/87	0	1	
SAMO0139	No	34301	CHLOROBENZENE TOTWUG/L	01/29/87-01/29/87	0	1	
SAMO0151	No	34301	CHLOROBENZENE TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	34301	CHLOROBENZENE TOTWUG/L	12/11/86-04/14/87	0	2	
SAMO0165	No	34301	CHLOROBENZENE TOTWUG/L	04/14/87-04/14/87	0	1	
SAMO0166	No	34301	CHLOROBENZENE TOTWUG/L	06/17/87-06/17/87	0	1	
SAMO0167	No	34301	CHLOROBENZENE TOTWUG/L	06/17/87-06/17/87	0	1	
SAMO0174	No	34301	CHLOROBENZENE TOTWUG/L	06/17/87-06/17/87	0	1	
SAMO0007	No	34311	CHLOROETHANE TOTWUG/L	03/24/87-03/24/87	0	1	
SAMO0013	No	34311	CHLOROETHANE TOTWUG/L	10/12/86-03/24/87	0	2	
SAMO0016	No	34311	CHLOROETHANE TOTWUG/L	11/03/86-04/09/87	0	2	
SAMO0017	No	34311	CHLOROETHANE TOTWUG/L	03/24/87-03/24/87	0	1	
SAMO0019	No	34311	CHLOROETHANE TOTWUG/L	12/23/86-12/23/86	0	1	
SAMO0021	No	34311	CHLOROETHANE TOTWUG/L	05/19/87-05/19/87	0	1	
SAMO0023	No	34311	CHLOROETHANE TOTWUG/L	11/03/86-04/09/87	0	2	
SAMO0024	No	34311	CHLOROETHANE TOTWUG/L	03/24/87-03/24/87	0	1	
SAMO0025	No	34311	CHLOROETHANE TOTWUG/L	11/20/86-04/14/87	0	2	
SAMO0026	Yes	34311	CHLOROETHANE TOTWUG/L	12/23/86-12/23/86	0	1	
SAMO0031	No	34311	CHLOROETHANE TOTWUG/L	11/20/86-03/24/87	0	2	
SAMO0033	No	34311	CHLOROETHANE TOTWUG/L	12/04/86-04/14/87	0	2	
SAMO0034	No	34311	CHLOROETHANE TOTWUG/L	12/04/86-04/14/87	0	2	
SAMO0035	No	34311	CHLOROETHANE TOTWUG/L	03/24/87-03/24/87	0	1	
SAMO0036	No	34311	CHLOROETHANE TOTWUG/L	12/04/86-12/04/86	0	1	
SAMO0037	No	34311	CHLOROETHANE TOTWUG/L	12/04/86-12/04/86	0	1	
SAMO0049	No	34311	CHLOROETHANE TOTWUG/L	12/04/86-12/04/86	0	1	
SAMO0052	No	34311	CHLOROETHANE TOTWUG/L	04/14/87-04/14/87	0	1	
SAMO0060	Yes	34311	CHLOROETHANE TOTWUG/L	12/15/86-12/15/86	0	1	
SAMO0071	Yes	34311	CHLOROETHANE TOTWUG/L	12/23/86-12/23/86	0	1	
SAMO0096	No	34311	CHLOROETHANE TOTWUG/L	01/08/87-01/08/87	0	1	
SAMO0139	No	34311	CHLOROETHANE TOTWUG/L	01/29/87-01/29/87	0	1	
SAMO0151	No	34311	CHLOROETHANE TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	34311	CHLOROETHANE TOTWUG/L	12/11/86-04/14/87	0	2	
SAMO0165	No	34311	CHLOROETHANE TOTWUG/L	04/14/87-04/14/87	0	1	
SAMO0166	No	34311	CHLOROETHANE TOTWUG/L	06/17/87-06/17/87	0	1	
SAMO0167	No	34311	CHLOROETHANE TOTWUG/L	06/17/87-06/17/87	0	1	
SAMO0174	No	34311	CHLOROETHANE TOTWUG/L	06/17/87-06/17/87	0	1	
SAMO0008	No	34320	CHRYSENE TOTWUG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	34320	CHRYSENE TOTWUG/L	10/12/86-10/12/86	0	1	
SAMO0016	No	34320	CHRYSENE TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0023	No	34320	CHRYSENE TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0025	No	34320	CHRYSENE TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0031	No	34320	CHRYSENE TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0060	Yes	34320	CHRYSENE TOTWUG/L	12/15/86-12/15/86	0	1	
SAMO0151	No	34320	CHRYSENE TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	34320	CHRYSENE TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0008	No	34336	DIETHYL PHTHALATE TOTWUG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	34336	DIETHYL PHTHALATE TOTWUG/L	10/12/86-10/12/86	0	1	
SAMO0016	No	34336	DIETHYL PHTHALATE TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0023	No	34336	DIETHYL PHTHALATE TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0025	No	34336	DIETHYL PHTHALATE TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0031	No	34336	DIETHYL PHTHALATE TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0060	Yes	34336	DIETHYL PHTHALATE TOTWUG/L	12/15/86-12/15/86	0	1	
SAMO0151	No	34336	DIETHYL PHTHALATE TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	34336	DIETHYL PHTHALATE TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0008	No	34341	DIMETHYL PHTHALATE TOTWUG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	34341	DIMETHYL PHTHALATE TOTWUG/L	10/12/86-10/12/86	0	1	
SAMO0016	No	34341	DIMETHYL PHTHALATE TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0023	No	34341	DIMETHYL PHTHALATE TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0025	No	34341	DIMETHYL PHTHALATE TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0031	No	34341	DIMETHYL PHTHALATE TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0060	Yes	34341	DIMETHYL PHTHALATE TOTWUG/L	12/15/86-12/15/86	0	1	
SAMO0151	No	34341	DIMETHYL PHTHALATE TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	34341	DIMETHYL PHTHALATE TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0008	No	34351	ENDOSULFAN SULFATE TOTWUG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	34351	ENDOSULFAN SULFATE TOTWUG/L	10/12/86-10/12/86	0	1	
SAMO0016	No	34351	ENDOSULFAN SULFATE TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0023	No	34351	ENDOSULFAN SULFATE TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0025	No	34351	ENDOSULFAN SULFATE TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0031	No	34351	ENDOSULFAN SULFATE TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0060	Yes	34351	ENDOSULFAN SULFATE TOTWUG/L	12/15/86-12/15/86	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation  
From 01/01/01 To 09/02/93**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
SAMO0151	No	34351	ENDOSULFAN SULFATE TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	34351	ENDOSULFAN SULFATE TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0002	No	34352	ENDOSULFAN SULFATE DISSUG/L	03/15/89-12/12/91	2	26	
SAMO0014	Yes	34352	ENDOSULFAN SULFATE DISSUG/L	02/09/89-12/05/91	2	30	
SAMO0018	No	34352	ENDOSULFAN SULFATE DISSUG/L	02/09/89-02/04/90	0	4	
SAMO0027	Yes	34352	ENDOSULFAN SULFATE DISSUG/L	02/09/89-02/04/90	0	4	
SAMO0061	Yes	34352	ENDOSULFAN SULFATE DISSUG/L	02/09/89-06/05/90	1	5	
SAMO0101	Yes	34352	ENDOSULFAN SULFATE DISSUG/L	02/09/89-02/09/89	0	1	
SAMO0008	No	34356	ENDOSULFAN, BETA TOTWUG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	34356	ENDOSULFAN, BETA TOTWUG/L	10/12/86-10/12/86	0	1	
SAMO0016	No	34356	ENDOSULFAN, BETA TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0023	No	34356	ENDOSULFAN, BETA TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0025	No	34356	ENDOSULFAN, BETA TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0031	No	34356	ENDOSULFAN, BETA TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0060	Yes	34356	ENDOSULFAN, BETA TOTWUG/L	12/15/86-12/15/86	0	1	
SAMO0151	No	34356	ENDOSULFAN, BETA TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	34356	ENDOSULFAN, BETA TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0002	No	34357	ENDOSULFAN, BETA DISSUG/L	05/18/88-12/12/91	3	36	
SAMO0014	Yes	34357	ENDOSULFAN, BETA DISSUG/L	05/11/88-12/05/91	3	40	
SAMO0018	No	34357	ENDOSULFAN, BETA DISSUG/L	02/09/89-02/04/90	0	4	
SAMO0027	Yes	34357	ENDOSULFAN, BETA DISSUG/L	02/09/89-02/04/90	0	4	
SAMO0061	Yes	34357	ENDOSULFAN, BETA DISSUG/L	08/15/88-06/05/90	1	6	
SAMO0101	Yes	34357	ENDOSULFAN, BETA DISSUG/L	02/09/89-02/09/89	0	1	
SAMO0008	No	34361	ENDOSULFAN, ALPHA TOTWUG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	34361	ENDOSULFAN, ALPHA TOTWUG/L	10/12/86-10/12/86	0	1	
SAMO0016	No	34361	ENDOSULFAN, ALPHA TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0023	No	34361	ENDOSULFAN, ALPHA TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0025	No	34361	ENDOSULFAN, ALPHA TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0031	No	34361	ENDOSULFAN, ALPHA TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0060	Yes	34361	ENDOSULFAN, ALPHA TOTWUG/L	12/15/86-12/15/86	0	1	
SAMO0151	No	34361	ENDOSULFAN, ALPHA TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	34361	ENDOSULFAN, ALPHA TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0002	No	34362	ENDOSULFAN, ALPHA DISSUG/L	05/18/88-12/12/91	3	36	
SAMO0014	Yes	34362	ENDOSULFAN, ALPHA DISSUG/L	05/11/88-12/05/91	3	40	
SAMO0018	No	34362	ENDOSULFAN, ALPHA DISSUG/L	02/09/89-02/04/90	0	4	
SAMO0027	Yes	34362	ENDOSULFAN, ALPHA DISSUG/L	02/09/89-02/04/90	0	4	
SAMO0061	Yes	34362	ENDOSULFAN, ALPHA DISSUG/L	08/15/88-06/05/90	1	6	
SAMO0101	Yes	34362	ENDOSULFAN, ALPHA DISSUG/L	02/09/89-02/09/89	0	1	
SAMO0008	No	34366	ENDRIN ALDEHYDE TOTWUG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	34366	ENDRIN ALDEHYDE TOTWUG/L	10/12/86-10/12/86	0	1	
SAMO0016	No	34366	ENDRIN ALDEHYDE TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0023	No	34366	ENDRIN ALDEHYDE TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0025	No	34366	ENDRIN ALDEHYDE TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0031	No	34366	ENDRIN ALDEHYDE TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0060	Yes	34366	ENDRIN ALDEHYDE TOTWUG/L	12/15/86-12/15/86	0	1	
SAMO0151	No	34366	ENDRIN ALDEHYDE TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	34366	ENDRIN ALDEHYDE TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0007	No	34371	ETHYLBENZENE TOTWUG/L	03/24/87-03/24/87	0	1	
SAMO0013	No	34371	ETHYLBENZENE TOTWUG/L	10/12/86-03/24/87	0	2	
SAMO0016	No	34371	ETHYLBENZENE TOTWUG/L	11/03/86-04/09/87	0	2	
SAMO0017	No	34371	ETHYLBENZENE TOTWUG/L	03/24/87-03/24/87	0	1	
SAMO0019	No	34371	ETHYLBENZENE TOTWUG/L	12/23/86-12/23/86	0	1	
SAMO0021	No	34371	ETHYLBENZENE TOTWUG/L	05/19/87-05/19/87	0	1	
SAMO0023	No	34371	ETHYLBENZENE TOTWUG/L	11/03/86-04/09/87	0	2	
SAMO0024	No	34371	ETHYLBENZENE TOTWUG/L	03/24/87-03/24/87	0	1	
SAMO0025	No	34371	ETHYLBENZENE TOTWUG/L	11/20/86-04/14/87	0	2	
SAMO0026	Yes	34371	ETHYLBENZENE TOTWUG/L	12/23/86-12/23/86	0	1	
SAMO0031	No	34371	ETHYLBENZENE TOTWUG/L	11/20/86-03/24/87	0	2	
SAMO0033	No	34371	ETHYLBENZENE TOTWUG/L	12/04/86-04/14/87	0	2	
SAMO0034	No	34371	ETHYLBENZENE TOTWUG/L	12/04/86-04/14/87	0	2	
SAMO0035	No	34371	ETHYLBENZENE TOTWUG/L	03/24/87-03/24/87	0	1	
SAMO0036	No	34371	ETHYLBENZENE TOTWUG/L	12/04/86-12/04/86	0	1	
SAMO0037	No	34371	ETHYLBENZENE TOTWUG/L	12/04/86-12/04/86	0	1	
SAMO0049	No	34371	ETHYLBENZENE TOTWUG/L	12/04/86-12/04/86	0	1	
SAMO0052	No	34371	ETHYLBENZENE TOTWUG/L	04/14/87-04/14/87	0	1	
SAMO0060	Yes	34371	ETHYLBENZENE TOTWUG/L	12/15/86-12/15/86	0	1	
SAMO0071	Yes	34371	ETHYLBENZENE TOTWUG/L	12/23/86-12/23/86	0	1	
SAMO0096	No	34371	ETHYLBENZENE TOTWUG/L	01/08/87-01/08/87	0	1	
SAMO0139	No	34371	ETHYLBENZENE TOTWUG/L	01/29/87-01/29/87	0	1	
SAMO0151	No	34371	ETHYLBENZENE TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	34371	ETHYLBENZENE TOTWUG/L	12/11/86-04/14/87	0	2	
SAMO0165	No	34371	ETHYLBENZENE TOTWUG/L	04/14/87-04/14/87	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation  
From 01/01/01 To 09/02/93**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
SAMO0166	No	34371	ETHYLBENZENE TOTWUG/L	06/17/87-06/17/87	0	1	
SAMO0167	No	34371	ETHYLBENZENE TOTWUG/L	06/17/87-06/17/87	0	1	
SAMO0174	No	34371	ETHYLBENZENE TOTWUG/L	06/17/87-06/17/87	0	1	
SAMO0008	No	34376	FLUORANTHENE TOTWUG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	34376	FLUORANTHENE TOTWUG/L	10/12/86-10/12/86	0	1	
SAMO0016	No	34376	FLUORANTHENE TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0023	No	34376	FLUORANTHENE TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0025	No	34376	FLUORANTHENE TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0031	No	34376	FLUORANTHENE TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0060	Yes	34376	FLUORANTHENE TOTWUG/L	12/15/86-12/15/86	0	1	
SAMO0151	No	34376	FLUORANTHENE TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	34376	FLUORANTHENE TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0008	No	34381	FLUORENE TOTWUG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	34381	FLUORENE TOTWUG/L	10/12/86-10/12/86	0	1	
SAMO0016	No	34381	FLUORENE TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0023	No	34381	FLUORENE TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0025	No	34381	FLUORENE TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0031	No	34381	FLUORENE TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0060	Yes	34381	FLUORENE TOTWUG/L	12/15/86-12/15/86	0	1	
SAMO0151	No	34381	FLUORENE TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	34381	FLUORENE TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0008	No	34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	10/12/86-10/12/86	0	1	
SAMO0016	No	34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0023	No	34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0025	No	34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0031	No	34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0060	Yes	34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	12/15/86-12/15/86	0	1	
SAMO0151	No	34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0008	No	34391	HEXACHLOROBUTADIENE TOTWUG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	34391	HEXACHLOROBUTADIENE TOTWUG/L	10/12/86-10/12/86	0	1	
SAMO0016	No	34391	HEXACHLOROBUTADIENE TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0023	No	34391	HEXACHLOROBUTADIENE TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0025	No	34391	HEXACHLOROBUTADIENE TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0031	No	34391	HEXACHLOROBUTADIENE TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0060	Yes	34391	HEXACHLOROBUTADIENE TOTWUG/L	12/15/86-12/15/86	0	1	
SAMO0151	No	34391	HEXACHLOROBUTADIENE TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	34391	HEXACHLOROBUTADIENE TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0008	No	34396	HEXACHLOROETHANE TOTWUG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	34396	HEXACHLOROETHANE TOTWUG/L	10/12/86-10/12/86	0	1	
SAMO0016	No	34396	HEXACHLOROETHANE TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0023	No	34396	HEXACHLOROETHANE TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0025	No	34396	HEXACHLOROETHANE TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0031	No	34396	HEXACHLOROETHANE TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0060	Yes	34396	HEXACHLOROETHANE TOTWUG/L	12/15/86-12/15/86	0	1	
SAMO0151	No	34396	HEXACHLOROETHANE TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	34396	HEXACHLOROETHANE TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0008	No	34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	10/12/86-10/12/86	0	1	
SAMO0016	No	34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0023	No	34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0025	No	34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0031	No	34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0060	Yes	34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	12/15/86-12/15/86	0	1	
SAMO0151	No	34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0014	Yes	34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	07/15/88-07/10/89	0	3	
SAMO0008	No	34408	ISOPHORONE TOTWUG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	34408	ISOPHORONE TOTWUG/L	10/12/86-10/12/86	0	1	
SAMO0016	No	34408	ISOPHORONE TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0023	No	34408	ISOPHORONE TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0025	No	34408	ISOPHORONE TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0031	No	34408	ISOPHORONE TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0060	Yes	34408	ISOPHORONE TOTWUG/L	12/15/86-12/15/86	0	1	
SAMO0151	No	34408	ISOPHORONE TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	34408	ISOPHORONE TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0007	No	34413	METHYL BROMIDE TOTWUG/L	03/24/87-03/24/87	0	1	
SAMO0013	No	34413	METHYL BROMIDE TOTWUG/L	10/12/86-03/24/87	0	2	
SAMO0016	No	34413	METHYL BROMIDE TOTWUG/L	11/03/86-04/09/87	0	2	
SAMO0017	No	34413	METHYL BROMIDE TOTWUG/L	03/24/87-03/24/87	0	1	
SAMO0019	No	34413	METHYL BROMIDE TOTWUG/L	12/23/86-12/23/86	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 01/01/01 To 09/02/93**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
SAMO0021	No	34413	METHYL BROMIDE TOTWUG/L	05/19/87-05/19/87	0	1	
SAMO0023	No	34413	METHYL BROMIDE TOTWUG/L	11/03/86-04/09/87	0	2	
SAMO0024	No	34413	METHYL BROMIDE TOTWUG/L	03/24/87-03/24/87	0	1	
SAMO0025	No	34413	METHYL BROMIDE TOTWUG/L	11/20/86-04/14/87	0	2	
SAMO0026	Yes	34413	METHYL BROMIDE TOTWUG/L	12/23/86-12/23/86	0	1	
SAMO0031	No	34413	METHYL BROMIDE TOTWUG/L	11/20/86-03/24/87	0	2	
SAMO0033	No	34413	METHYL BROMIDE TOTWUG/L	12/04/86-04/14/87	0	2	
SAMO0034	No	34413	METHYL BROMIDE TOTWUG/L	12/04/86-04/14/87	0	2	
SAMO0035	No	34413	METHYL BROMIDE TOTWUG/L	03/24/87-03/24/87	0	1	
SAMO0036	No	34413	METHYL BROMIDE TOTWUG/L	12/04/86-12/04/86	0	1	
SAMO0037	No	34413	METHYL BROMIDE TOTWUG/L	12/04/86-12/04/86	0	1	
SAMO0049	No	34413	METHYL BROMIDE TOTWUG/L	12/04/86-12/04/86	0	1	
SAMO0052	No	34413	METHYL BROMIDE TOTWUG/L	04/14/87-04/14/87	0	1	
SAMO0060	Yes	34413	METHYL BROMIDE TOTWUG/L	12/15/86-12/15/86	0	1	
SAMO0071	Yes	34413	METHYL BROMIDE TOTWUG/L	12/23/86-12/23/86	0	1	
SAMO0096	No	34413	METHYL BROMIDE TOTWUG/L	01/08/87-01/08/87	0	1	
SAMO0139	No	34413	METHYL BROMIDE TOTWUG/L	01/29/87-01/29/87	0	1	
SAMO0151	No	34413	METHYL BROMIDE TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	34413	METHYL BROMIDE TOTWUG/L	12/11/86-04/14/87	0	2	
SAMO0165	No	34413	METHYL BROMIDE TOTWUG/L	04/14/87-04/14/87	0	1	
SAMO0166	No	34413	METHYL BROMIDE TOTWUG/L	06/17/87-06/17/87	0	1	
SAMO0167	No	34413	METHYL BROMIDE TOTWUG/L	06/17/87-06/17/87	0	1	
SAMO0174	No	34413	METHYL BROMIDE TOTWUG/L	06/17/87-06/17/87	0	1	
SAMO0007	No	34418	METHYL CHLORIDE TOTWUG/L	03/24/87-03/24/87	0	1	
SAMO0013	No	34418	METHYL CHLORIDE TOTWUG/L	10/12/86-03/24/87	0	2	
SAMO0016	No	34418	METHYL CHLORIDE TOTWUG/L	11/03/86-04/09/87	0	2	
SAMO0017	No	34418	METHYL CHLORIDE TOTWUG/L	03/24/87-03/24/87	0	1	
SAMO0019	No	34418	METHYL CHLORIDE TOTWUG/L	12/23/86-12/23/86	0	1	
SAMO0021	No	34418	METHYL CHLORIDE TOTWUG/L	05/19/87-05/19/87	0	1	
SAMO0023	No	34418	METHYL CHLORIDE TOTWUG/L	11/03/86-04/09/87	0	2	
SAMO0024	No	34418	METHYL CHLORIDE TOTWUG/L	03/24/87-03/24/87	0	1	
SAMO0025	No	34418	METHYL CHLORIDE TOTWUG/L	11/20/86-04/14/87	0	2	
SAMO0026	Yes	34418	METHYL CHLORIDE TOTWUG/L	12/23/86-12/23/86	0	1	
SAMO0031	No	34418	METHYL CHLORIDE TOTWUG/L	11/20/86-03/24/87	0	2	
SAMO0033	No	34418	METHYL CHLORIDE TOTWUG/L	12/04/86-04/14/87	0	2	
SAMO0034	No	34418	METHYL CHLORIDE TOTWUG/L	12/04/86-04/14/87	0	2	
SAMO0035	No	34418	METHYL CHLORIDE TOTWUG/L	03/24/87-03/24/87	0	1	
SAMO0036	No	34418	METHYL CHLORIDE TOTWUG/L	12/04/86-12/04/86	0	1	
SAMO0037	No	34418	METHYL CHLORIDE TOTWUG/L	12/04/86-12/04/86	0	1	
SAMO0049	No	34418	METHYL CHLORIDE TOTWUG/L	12/04/86-12/04/86	0	1	
SAMO0052	No	34418	METHYL CHLORIDE TOTWUG/L	04/14/87-04/14/87	0	1	
SAMO0060	Yes	34418	METHYL CHLORIDE TOTWUG/L	12/15/86-12/15/86	0	1	
SAMO0071	Yes	34418	METHYL CHLORIDE TOTWUG/L	12/23/86-12/23/86	0	1	
SAMO0096	No	34418	METHYL CHLORIDE TOTWUG/L	01/08/87-01/08/87	0	1	
SAMO0139	No	34418	METHYL CHLORIDE TOTWUG/L	01/29/87-01/29/87	0	1	
SAMO0151	No	34418	METHYL CHLORIDE TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	34418	METHYL CHLORIDE TOTWUG/L	12/11/86-04/14/87	0	2	
SAMO0165	No	34418	METHYL CHLORIDE TOTWUG/L	04/14/87-04/14/87	0	1	
SAMO0166	No	34418	METHYL CHLORIDE TOTWUG/L	06/17/87-06/17/87	0	1	
SAMO0167	No	34418	METHYL CHLORIDE TOTWUG/L	06/17/87-06/17/87	0	1	
SAMO0174	No	34418	METHYL CHLORIDE TOTWUG/L	06/17/87-06/17/87	0	1	
SAMO0007	No	34423	METHYLENE CHLORIDE TOTWUG/L	03/24/87-03/24/87	0	1	
SAMO0013	No	34423	METHYLENE CHLORIDE TOTWUG/L	10/12/86-03/24/87	0	3	
SAMO0016	No	34423	METHYLENE CHLORIDE TOTWUG/L	11/03/86-04/09/87	0	2	
SAMO0017	No	34423	METHYLENE CHLORIDE TOTWUG/L	03/24/87-03/24/87	0	1	
SAMO0019	No	34423	METHYLENE CHLORIDE TOTWUG/L	12/23/86-12/23/86	0	1	
SAMO0021	No	34423	METHYLENE CHLORIDE TOTWUG/L	05/19/87-05/19/87	0	1	
SAMO0023	No	34423	METHYLENE CHLORIDE TOTWUG/L	11/03/86-04/09/87	0	2	
SAMO0024	No	34423	METHYLENE CHLORIDE TOTWUG/L	03/24/87-03/24/87	0	1	
SAMO0025	No	34423	METHYLENE CHLORIDE TOTWUG/L	11/20/86-04/14/87	0	2	
SAMO0026	Yes	34423	METHYLENE CHLORIDE TOTWUG/L	12/23/86-12/23/86	0	1	
SAMO0031	No	34423	METHYLENE CHLORIDE TOTWUG/L	11/20/86-03/24/87	0	2	
SAMO0033	No	34423	METHYLENE CHLORIDE TOTWUG/L	12/04/86-04/14/87	0	2	
SAMO0034	No	34423	METHYLENE CHLORIDE TOTWUG/L	12/04/86-04/14/87	0	2	
SAMO0035	No	34423	METHYLENE CHLORIDE TOTWUG/L	03/24/87-03/24/87	0	1	
SAMO0036	No	34423	METHYLENE CHLORIDE TOTWUG/L	12/04/86-12/04/86	0	1	
SAMO0037	No	34423	METHYLENE CHLORIDE TOTWUG/L	12/04/86-12/04/86	0	1	
SAMO0049	No	34423	METHYLENE CHLORIDE TOTWUG/L	12/04/86-12/04/86	0	1	
SAMO0052	No	34423	METHYLENE CHLORIDE TOTWUG/L	04/14/87-04/14/87	0	1	
SAMO0060	Yes	34423	METHYLENE CHLORIDE TOTWUG/L	12/15/86-12/15/86	0	1	
SAMO0071	Yes	34423	METHYLENE CHLORIDE TOTWUG/L	12/23/86-12/23/86	0	1	
SAMO0096	No	34423	METHYLENE CHLORIDE TOTWUG/L	01/08/87-01/08/87	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation  
From 01/01/01 To 09/02/93**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
SAMO0139	No	34423	METHYLENE CHLORIDE TOTWUG/L	01/29/87-01/29/87	0	1	
SAMO0151	No	34423	METHYLENE CHLORIDE TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	34423	METHYLENE CHLORIDE TOTWUG/L	12/11/86-04/14/87	0	2	
SAMO0165	No	34423	METHYLENE CHLORIDE TOTWUG/L	04/14/87-04/14/87	0	1	
SAMO0166	No	34423	METHYLENE CHLORIDE TOTWUG/L	06/17/87-06/17/87	0	1	
SAMO0167	No	34423	METHYLENE CHLORIDE TOTWUG/L	06/17/87-06/17/87	0	1	
SAMO0174	No	34423	METHYLENE CHLORIDE TOTWUG/L	06/17/87-06/17/87	0	1	
SAMO0008	No	34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	10/12/86-10/12/86	0	1	
SAMO0016	No	34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0023	No	34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0025	No	34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0031	No	34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0060	Yes	34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	12/15/86-12/15/86	0	1	
SAMO0151	No	34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0008	No	34433	N-NITROSODIPHENYLAMINE TOTWUG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	34433	N-NITROSODIPHENYLAMINE TOTWUG/L	10/12/86-10/12/86	0	1	
SAMO0016	No	34433	N-NITROSODIPHENYLAMINE TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0023	No	34433	N-NITROSODIPHENYLAMINE TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0025	No	34433	N-NITROSODIPHENYLAMINE TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0031	No	34433	N-NITROSODIPHENYLAMINE TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0060	Yes	34433	N-NITROSODIPHENYLAMINE TOTWUG/L	12/15/86-12/15/86	0	1	
SAMO0151	No	34433	N-NITROSODIPHENYLAMINE TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	34433	N-NITROSODIPHENYLAMINE TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0008	No	34447	NITROBENZENE TOTWUG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	34447	NITROBENZENE TOTWUG/L	10/12/86-10/12/86	0	1	
SAMO0016	No	34447	NITROBENZENE TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0023	No	34447	NITROBENZENE TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0025	No	34447	NITROBENZENE TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0031	No	34447	NITROBENZENE TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0060	Yes	34447	NITROBENZENE TOTWUG/L	12/15/86-12/15/86	0	1	
SAMO0151	No	34447	NITROBENZENE TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	34447	NITROBENZENE TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0008	No	34452	PARACHLOROMETA CRESOL TOTWUG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	34452	PARACHLOROMETA CRESOL TOTWUG/L	10/12/86-10/12/86	0	1	
SAMO0016	No	34452	PARACHLOROMETA CRESOL TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0023	No	34452	PARACHLOROMETA CRESOL TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0025	No	34452	PARACHLOROMETA CRESOL TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0031	No	34452	PARACHLOROMETA CRESOL TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0060	Yes	34452	PARACHLOROMETA CRESOL TOTWUG/L	12/15/86-12/15/86	0	1	
SAMO0151	No	34452	PARACHLOROMETA CRESOL TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	34452	PARACHLOROMETA CRESOL TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0008	No	34461	PHENANTHRENE TOTWUG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	34461	PHENANTHRENE TOTWUG/L	10/12/86-10/12/86	0	1	
SAMO0016	No	34461	PHENANTHRENE TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0023	No	34461	PHENANTHRENE TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0025	No	34461	PHENANTHRENE TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0031	No	34461	PHENANTHRENE TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0060	Yes	34461	PHENANTHRENE TOTWUG/L	12/15/86-12/15/86	0	1	
SAMO0151	No	34461	PHENANTHRENE TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	34461	PHENANTHRENE TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0008	No	34469	PYRENE TOTWUG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	34469	PYRENE TOTWUG/L	10/12/86-10/12/86	0	1	
SAMO0016	No	34469	PYRENE TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0023	No	34469	PYRENE TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0025	No	34469	PYRENE TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0031	No	34469	PYRENE TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0060	Yes	34469	PYRENE TOTWUG/L	12/15/86-12/15/86	0	1	
SAMO0151	No	34469	PYRENE TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	34469	PYRENE TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0007	No	34475	TETRACHLOROETHYLENE TOTWUG/L	03/24/87-03/24/87	0	1	
SAMO0013	No	34475	TETRACHLOROETHYLENE TOTWUG/L	10/12/86-03/24/87	0	3	
SAMO0016	No	34475	TETRACHLOROETHYLENE TOTWUG/L	11/03/86-04/09/87	0	2	
SAMO0017	No	34475	TETRACHLOROETHYLENE TOTWUG/L	03/24/87-03/24/87	0	1	
SAMO0019	No	34475	TETRACHLOROETHYLENE TOTWUG/L	12/23/86-12/23/86	0	1	
SAMO0021	No	34475	TETRACHLOROETHYLENE TOTWUG/L	05/19/87-05/19/87	0	1	
SAMO0023	No	34475	TETRACHLOROETHYLENE TOTWUG/L	11/03/86-04/09/87	0	2	
SAMO0024	No	34475	TETRACHLOROETHYLENE TOTWUG/L	03/24/87-03/24/87	0	1	
SAMO0025	No	34475	TETRACHLOROETHYLENE TOTWUG/L	11/20/86-04/14/87	0	2	
SAMO0026	Yes	34475	TETRACHLOROETHYLENE TOTWUG/L	12/23/86-12/23/86	0	1	
SAMO0031	No	34475	TETRACHLOROETHYLENE TOTWUG/L	11/20/86-03/24/87	0	2	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot



**Station/Parameter Period of Record Tabulation**  
**From 01/01/01 To 09/02/93**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
SAMO0033	No	34475	TETRACHLOROETHYLENE TOTWUG/L	12/04/86-04/14/87	0	2	
SAMO0034	No	34475	TETRACHLOROETHYLENE TOTWUG/L	12/04/86-04/14/87	0	2	
SAMO0035	No	34475	TETRACHLOROETHYLENE TOTWUG/L	03/24/87-03/24/87	0	1	
SAMO0036	No	34475	TETRACHLOROETHYLENE TOTWUG/L	12/04/86-12/04/86	0	1	
SAMO0037	No	34475	TETRACHLOROETHYLENE TOTWUG/L	12/04/86-12/04/86	0	1	
SAMO0049	No	34475	TETRACHLOROETHYLENE TOTWUG/L	12/04/86-12/04/86	0	1	
SAMO0052	No	34475	TETRACHLOROETHYLENE TOTWUG/L	04/14/87-04/14/87	0	1	
SAMO0060	Yes	34475	TETRACHLOROETHYLENE TOTWUG/L	12/15/86-12/15/86	0	1	
SAMO0071	Yes	34475	TETRACHLOROETHYLENE TOTWUG/L	12/23/86-12/23/86	0	1	
SAMO0096	No	34475	TETRACHLOROETHYLENE TOTWUG/L	01/08/87-01/08/87	0	1	
SAMO0139	No	34475	TETRACHLOROETHYLENE TOTWUG/L	01/29/87-01/29/87	0	1	
SAMO0151	No	34475	TETRACHLOROETHYLENE TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	34475	TETRACHLOROETHYLENE TOTWUG/L	12/11/86-04/14/87	0	2	
SAMO0165	No	34475	TETRACHLOROETHYLENE TOTWUG/L	04/14/87-04/14/87	0	1	
SAMO0166	No	34475	TETRACHLOROETHYLENE TOTWUG/L	06/17/87-06/17/87	0	1	
SAMO0167	No	34475	TETRACHLOROETHYLENE TOTWUG/L	06/17/87-06/17/87	0	1	
SAMO0174	No	34475	TETRACHLOROETHYLENE TOTWUG/L	06/17/87-06/17/87	0	1	
SAMO0007	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	03/24/87-03/24/87	0	1	
SAMO0013	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	10/12/86-03/24/87	0	2	
SAMO0016	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	11/03/86-04/09/87	0	2	
SAMO0017	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	03/24/87-03/24/87	0	1	
SAMO0019	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	12/23/86-12/23/86	0	1	
SAMO0021	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	05/19/87-05/19/87	0	1	
SAMO0023	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	11/03/86-04/09/87	0	2	
SAMO0024	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	03/24/87-03/24/87	0	1	
SAMO0025	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	11/20/86-04/14/87	0	2	
SAMO0026	Yes	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	12/23/86-12/23/86	0	1	
SAMO0031	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	11/20/86-03/24/87	0	2	
SAMO0033	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	12/04/86-04/14/87	0	2	
SAMO0034	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	12/04/86-04/14/87	0	2	
SAMO0035	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	03/24/87-03/24/87	0	1	
SAMO0036	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	12/04/86-12/04/86	0	1	
SAMO0037	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	12/04/86-12/04/86	0	1	
SAMO0049	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	12/04/86-12/04/86	0	1	
SAMO0052	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	04/14/87-04/14/87	0	1	
SAMO0060	Yes	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	12/15/86-12/15/86	0	1	
SAMO0071	Yes	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	12/23/86-12/23/86	0	1	
SAMO0096	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	01/08/87-01/08/87	0	1	
SAMO0139	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	01/29/87-01/29/87	0	1	
SAMO0151	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	12/11/86-04/14/87	0	2	
SAMO0165	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	04/14/87-04/14/87	0	1	
SAMO0166	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	06/17/87-06/17/87	0	1	
SAMO0167	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	06/17/87-06/17/87	0	1	
SAMO0174	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	06/17/87-06/17/87	0	1	
SAMO0007	No	34496	1,1-DICHLOROETHANE TOTWUG/L	03/24/87-03/24/87	0	1	
SAMO0013	No	34496	1,1-DICHLOROETHANE TOTWUG/L	10/12/86-03/24/87	0	2	
SAMO0016	No	34496	1,1-DICHLOROETHANE TOTWUG/L	11/03/86-04/09/87	0	2	
SAMO0017	No	34496	1,1-DICHLOROETHANE TOTWUG/L	03/24/87-03/24/87	0	1	
SAMO0019	No	34496	1,1-DICHLOROETHANE TOTWUG/L	12/23/86-12/23/86	0	1	
SAMO0021	No	34496	1,1-DICHLOROETHANE TOTWUG/L	05/19/87-05/19/87	0	1	
SAMO0023	No	34496	1,1-DICHLOROETHANE TOTWUG/L	11/03/86-04/09/87	0	2	
SAMO0024	No	34496	1,1-DICHLOROETHANE TOTWUG/L	03/24/87-03/24/87	0	1	
SAMO0025	No	34496	1,1-DICHLOROETHANE TOTWUG/L	11/20/86-04/14/87	0	2	
SAMO0026	Yes	34496	1,1-DICHLOROETHANE TOTWUG/L	12/23/86-12/23/86	0	1	
SAMO0031	No	34496	1,1-DICHLOROETHANE TOTWUG/L	11/20/86-03/24/87	0	2	
SAMO0033	No	34496	1,1-DICHLOROETHANE TOTWUG/L	12/04/86-04/14/87	0	2	
SAMO0034	No	34496	1,1-DICHLOROETHANE TOTWUG/L	12/04/86-04/14/87	0	2	
SAMO0035	No	34496	1,1-DICHLOROETHANE TOTWUG/L	03/24/87-03/24/87	0	1	
SAMO0036	No	34496	1,1-DICHLOROETHANE TOTWUG/L	12/04/86-12/04/86	0	1	
SAMO0037	No	34496	1,1-DICHLOROETHANE TOTWUG/L	12/04/86-12/04/86	0	1	
SAMO0049	No	34496	1,1-DICHLOROETHANE TOTWUG/L	12/04/86-12/04/86	0	1	
SAMO0052	No	34496	1,1-DICHLOROETHANE TOTWUG/L	04/14/87-04/14/87	0	1	
SAMO0060	Yes	34496	1,1-DICHLOROETHANE TOTWUG/L	12/15/86-12/15/86	0	1	
SAMO0071	Yes	34496	1,1-DICHLOROETHANE TOTWUG/L	12/23/86-12/23/86	0	1	
SAMO0096	No	34496	1,1-DICHLOROETHANE TOTWUG/L	01/08/87-01/08/87	0	1	
SAMO0139	No	34496	1,1-DICHLOROETHANE TOTWUG/L	01/29/87-01/29/87	0	1	
SAMO0151	No	34496	1,1-DICHLOROETHANE TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	34496	1,1-DICHLOROETHANE TOTWUG/L	12/11/86-04/14/87	0	2	
SAMO0165	No	34496	1,1-DICHLOROETHANE TOTWUG/L	04/14/87-04/14/87	0	1	
SAMO0166	No	34496	1,1-DICHLOROETHANE TOTWUG/L	06/17/87-06/17/87	0	1	
SAMO0167	No	34496	1,1-DICHLOROETHANE TOTWUG/L	06/17/87-06/17/87	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 01/01/01 To 09/02/93**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
SAMO0174	No	34496	1,1-DICHLOROETHANE TOTWUG/L	06/17/87-06/17/87	0	1	
SAMO0007	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	03/24/87-03/24/87	0	1	
SAMO0013	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	10/12/86-03/24/87	0	2	
SAMO0014	Yes	34501	1,1-DICHLOROETHYLENE TOTWUG/L	07/10/89-07/10/89	0	1	
SAMO0016	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	11/03/86-04/09/87	0	2	
SAMO0017	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	03/24/87-03/24/87	0	1	
SAMO0019	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	12/23/86-12/23/86	0	1	
SAMO0021	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	05/19/87-05/19/87	0	1	
SAMO0023	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	11/03/86-04/09/87	0	2	
SAMO0024	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	03/24/87-03/24/87	0	1	
SAMO0025	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	11/20/86-04/14/87	0	2	
SAMO0026	Yes	34501	1,1-DICHLOROETHYLENE TOTWUG/L	12/23/86-12/23/86	0	1	
SAMO0031	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	11/20/86-03/24/87	0	2	
SAMO0033	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	12/04/86-04/14/87	0	2	
SAMO0034	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	12/04/86-04/14/87	0	2	
SAMO0035	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	03/24/87-03/24/87	0	1	
SAMO0036	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	12/04/86-12/04/86	0	1	
SAMO0037	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	12/04/86-12/04/86	0	1	
SAMO0049	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	12/04/86-12/04/86	0	1	
SAMO0052	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	04/14/87-04/14/87	0	1	
SAMO0060	Yes	34501	1,1-DICHLOROETHYLENE TOTWUG/L	12/15/86-12/15/86	0	1	
SAMO0071	Yes	34501	1,1-DICHLOROETHYLENE TOTWUG/L	12/23/86-12/23/86	0	1	
SAMO0096	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	01/08/87-01/08/87	0	1	
SAMO0139	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	01/29/87-01/29/87	0	1	
SAMO0151	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	12/11/86-04/14/87	0	2	
SAMO0165	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	04/14/87-04/14/87	0	1	
SAMO0166	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	06/17/87-06/17/87	0	1	
SAMO0167	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	06/17/87-06/17/87	0	1	
SAMO0174	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	06/17/87-06/17/87	0	1	
SAMO0007	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	03/24/87-03/24/87	0	1	
SAMO0013	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	10/12/86-03/24/87	0	2	
SAMO0016	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	11/03/86-04/09/87	0	2	
SAMO0017	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	03/24/87-03/24/87	0	1	
SAMO0019	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	12/23/86-12/23/86	0	1	
SAMO0021	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	05/19/87-05/19/87	0	1	
SAMO0023	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	11/03/86-04/09/87	0	2	
SAMO0024	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	03/24/87-03/24/87	0	1	
SAMO0025	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	11/20/86-04/14/87	0	2	
SAMO0026	Yes	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	12/23/86-12/23/86	0	1	
SAMO0031	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	11/20/86-03/24/87	0	2	
SAMO0033	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	12/04/86-04/14/87	0	2	
SAMO0034	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	12/04/86-04/14/87	0	2	
SAMO0035	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	03/24/87-03/24/87	0	1	
SAMO0036	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	12/04/86-12/04/86	0	1	
SAMO0037	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	12/04/86-12/04/86	0	1	
SAMO0049	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	12/04/86-12/04/86	0	1	
SAMO0052	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	04/14/87-04/14/87	0	1	
SAMO0060	Yes	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	12/15/86-12/15/86	0	1	
SAMO0071	Yes	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	12/23/86-12/23/86	0	1	
SAMO0096	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	01/08/87-01/08/87	0	1	
SAMO0139	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	01/29/87-01/29/87	0	1	
SAMO0151	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	12/11/86-04/14/87	0	2	
SAMO0165	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	04/14/87-04/14/87	0	1	
SAMO0166	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	06/17/87-06/17/87	0	1	
SAMO0167	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	06/17/87-06/17/87	0	1	
SAMO0174	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	06/17/87-06/17/87	0	1	
SAMO0007	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	03/24/87-03/24/87	0	1	
SAMO0013	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	10/12/86-03/24/87	0	2	
SAMO0016	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	11/03/86-04/09/87	0	2	
SAMO0017	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	03/24/87-03/24/87	0	1	
SAMO0019	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	12/23/86-12/23/86	0	1	
SAMO0021	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	05/19/87-05/19/87	0	1	
SAMO0023	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	11/03/86-04/09/87	0	2	
SAMO0024	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	03/24/87-03/24/87	0	1	
SAMO0025	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	11/20/86-04/14/87	0	2	
SAMO0026	Yes	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	12/23/86-12/23/86	0	1	
SAMO0031	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	11/20/86-03/24/87	0	2	
SAMO0033	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	12/04/86-04/14/87	0	2	
SAMO0034	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	12/04/86-04/14/87	0	2	
SAMO0035	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	03/24/87-03/24/87	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation  
From 01/01/01 To 09/02/93**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
SAMO0036	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	12/04/86-12/04/86	0	1	
SAMO0037	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	12/04/86-12/04/86	0	1	
SAMO0049	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	12/04/86-12/04/86	0	1	
SAMO0052	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	04/14/87-04/14/87	0	1	
SAMO0060	Yes	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	12/15/86-12/15/86	0	1	
SAMO0071	Yes	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	12/23/86-12/23/86	0	1	
SAMO0096	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	01/08/87-01/08/87	0	1	
SAMO0139	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	01/29/87-01/29/87	0	1	
SAMO0151	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	12/11/86-04/14/87	0	2	
SAMO0165	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	04/14/87-04/14/87	0	1	
SAMO0166	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	06/17/87-06/17/87	0	1	
SAMO0167	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	06/17/87-06/17/87	0	1	
SAMO0174	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	06/17/87-06/17/87	0	1	
SAMO0007	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	03/24/87-03/24/87	0	1	
SAMO0013	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	10/12/86-03/24/87	0	2	
SAMO0016	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	11/03/86-04/09/87	0	2	
SAMO0017	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	03/24/87-03/24/87	0	1	
SAMO0019	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	12/23/86-12/23/86	0	1	
SAMO0021	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	05/19/87-05/19/87	0	1	
SAMO0023	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	11/03/86-04/09/87	0	2	
SAMO0024	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	03/24/87-03/24/87	0	1	
SAMO0025	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	11/20/86-04/14/87	0	2	
SAMO0026	Yes	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	12/23/86-12/23/86	0	1	
SAMO0031	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	11/20/86-03/24/87	0	2	
SAMO0033	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	12/04/86-04/14/87	0	2	
SAMO0034	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	12/04/86-04/14/87	0	2	
SAMO0035	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	03/24/87-03/24/87	0	1	
SAMO0036	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	12/04/86-12/04/86	0	1	
SAMO0037	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	12/04/86-12/04/86	0	1	
SAMO0049	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	12/04/86-12/04/86	0	1	
SAMO0052	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	04/14/87-04/14/87	0	1	
SAMO0060	Yes	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	12/15/86-12/15/86	0	1	
SAMO0071	Yes	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	12/23/86-12/23/86	0	1	
SAMO0096	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	01/08/87-01/08/87	0	1	
SAMO0139	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	01/29/87-01/29/87	0	1	
SAMO0151	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	12/11/86-04/14/87	0	2	
SAMO0165	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	04/14/87-04/14/87	0	1	
SAMO0166	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	06/17/87-06/17/87	0	1	
SAMO0167	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	06/17/87-06/17/87	0	1	
SAMO0174	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	06/17/87-06/17/87	0	1	
SAMO0008	No	34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	10/12/86-10/12/86	0	1	
SAMO0016	No	34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0023	No	34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0025	No	34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0031	No	34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0060	Yes	34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	12/15/86-12/15/86	0	1	
SAMO0151	No	34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0008	No	34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	10/12/86-10/12/86	0	1	
SAMO0016	No	34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0023	No	34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0025	No	34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0031	No	34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0060	Yes	34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	12/15/86-12/15/86	0	1	
SAMO0151	No	34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0007	No	34531	1,2-DICHLOROETHANE TOTWUG/L	03/24/87-03/24/87	0	1	
SAMO0013	No	34531	1,2-DICHLOROETHANE TOTWUG/L	10/12/86-03/24/87	0	2	
SAMO0014	Yes	34531	1,2-DICHLOROETHANE TOTWUG/L	07/10/89-07/10/89	0	1	
SAMO0016	No	34531	1,2-DICHLOROETHANE TOTWUG/L	11/03/86-04/09/87	0	2	
SAMO0017	No	34531	1,2-DICHLOROETHANE TOTWUG/L	03/24/87-03/24/87	0	1	
SAMO0019	No	34531	1,2-DICHLOROETHANE TOTWUG/L	12/23/86-12/23/86	0	1	
SAMO0021	No	34531	1,2-DICHLOROETHANE TOTWUG/L	05/19/87-05/19/87	0	1	
SAMO0023	No	34531	1,2-DICHLOROETHANE TOTWUG/L	11/03/86-04/09/87	0	2	
SAMO0024	No	34531	1,2-DICHLOROETHANE TOTWUG/L	03/24/87-03/24/87	0	1	
SAMO0025	No	34531	1,2-DICHLOROETHANE TOTWUG/L	11/20/86-04/14/87	0	2	
SAMO0026	Yes	34531	1,2-DICHLOROETHANE TOTWUG/L	12/23/86-12/23/86	0	1	
SAMO0031	No	34531	1,2-DICHLOROETHANE TOTWUG/L	11/20/86-03/24/87	0	2	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 01/01/01 To 09/02/93**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
SAMO0033	No	34531	1,2-DICHLOROETHANE TOTWUG/L	12/04/86-04/14/87	0	2	
SAMO0034	No	34531	1,2-DICHLOROETHANE TOTWUG/L	12/04/86-04/14/87	0	2	
SAMO0035	No	34531	1,2-DICHLOROETHANE TOTWUG/L	03/24/87-03/24/87	0	1	
SAMO0036	No	34531	1,2-DICHLOROETHANE TOTWUG/L	12/04/86-12/04/86	0	1	
SAMO0037	No	34531	1,2-DICHLOROETHANE TOTWUG/L	12/04/86-12/04/86	0	1	
SAMO0049	No	34531	1,2-DICHLOROETHANE TOTWUG/L	12/04/86-12/04/86	0	1	
SAMO0052	No	34531	1,2-DICHLOROETHANE TOTWUG/L	04/14/87-04/14/87	0	1	
SAMO0060	Yes	34531	1,2-DICHLOROETHANE TOTWUG/L	12/15/86-12/15/86	0	1	
SAMO0071	Yes	34531	1,2-DICHLOROETHANE TOTWUG/L	12/23/86-12/23/86	0	1	
SAMO0096	No	34531	1,2-DICHLOROETHANE TOTWUG/L	01/08/87-01/08/87	0	1	
SAMO0139	No	34531	1,2-DICHLOROETHANE TOTWUG/L	01/29/87-01/29/87	0	1	
SAMO0151	No	34531	1,2-DICHLOROETHANE TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	34531	1,2-DICHLOROETHANE TOTWUG/L	12/11/86-04/14/87	0	2	
SAMO0165	No	34531	1,2-DICHLOROETHANE TOTWUG/L	04/14/87-04/14/87	0	1	
SAMO0166	No	34531	1,2-DICHLOROETHANE TOTWUG/L	06/17/87-06/17/87	0	1	
SAMO0167	No	34531	1,2-DICHLOROETHANE TOTWUG/L	06/17/87-06/17/87	0	1	
SAMO0174	No	34531	1,2-DICHLOROETHANE TOTWUG/L	06/17/87-06/17/87	0	1	
SAMO0007	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	03/24/87-03/24/87	0	1	
SAMO0008	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	10/12/86-03/24/87	0	2	
SAMO0016	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	04/09/87-04/09/87	0	1	
SAMO0017	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	03/24/87-03/24/87	0	1	
SAMO0019	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	12/23/86-12/23/86	0	1	
SAMO0021	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	05/19/87-05/19/87	0	1	
SAMO0023	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	04/09/87-04/09/87	0	1	
SAMO0024	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	03/24/87-03/24/87	0	1	
SAMO0025	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	04/14/87-04/14/87	0	1	
SAMO0026	Yes	34536	1,2-DICHLOROBENZENE TOTWUG/L	12/23/86-12/23/86	0	1	
SAMO0031	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	03/24/87-03/24/87	0	1	
SAMO0033	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	12/04/86-04/14/87	0	2	
SAMO0034	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	12/04/86-04/14/87	0	2	
SAMO0035	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	03/24/87-03/24/87	0	1	
SAMO0036	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	12/04/86-12/04/86	0	1	
SAMO0037	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	12/04/86-12/04/86	0	1	
SAMO0049	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	12/04/86-12/04/86	0	1	
SAMO0052	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	04/14/87-04/14/87	0	1	
SAMO0071	Yes	34536	1,2-DICHLOROBENZENE TOTWUG/L	12/23/86-12/23/86	0	1	
SAMO0096	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	01/08/87-01/08/87	0	1	
SAMO0139	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	01/29/87-01/29/87	0	1	
SAMO0161	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	04/14/87-04/14/87	0	1	
SAMO0165	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	04/14/87-04/14/87	0	1	
SAMO0166	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	06/17/87-06/17/87	0	1	
SAMO0167	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	06/17/87-06/17/87	0	1	
SAMO0174	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	06/17/87-06/17/87	0	1	
SAMO0007	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	03/24/87-03/24/87	0	1	
SAMO0013	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	10/12/86-03/24/87	0	2	
SAMO0016	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	11/03/86-04/09/87	0	2	
SAMO0017	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	03/24/87-03/24/87	0	1	
SAMO0019	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	12/23/86-12/23/86	0	1	
SAMO0021	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	05/19/87-05/19/87	0	1	
SAMO0023	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	11/03/86-04/09/87	0	2	
SAMO0024	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	03/24/87-03/24/87	0	1	
SAMO0025	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	11/20/86-04/14/87	0	2	
SAMO0026	Yes	34541	1,2-DICHLOROPROPANE TOTWUG/L	12/23/86-12/23/86	0	1	
SAMO0031	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	11/20/86-03/24/87	0	2	
SAMO0033	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	12/04/86-04/14/87	0	2	
SAMO0034	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	12/04/86-04/14/87	0	2	
SAMO0035	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	03/24/87-03/24/87	0	1	
SAMO0036	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	12/04/86-12/04/86	0	1	
SAMO0037	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	12/04/86-12/04/86	0	1	
SAMO0049	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	12/04/86-12/04/86	0	1	
SAMO0052	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	04/14/87-04/14/87	0	1	
SAMO0060	Yes	34541	1,2-DICHLOROPROPANE TOTWUG/L	12/15/86-12/15/86	0	1	
SAMO0071	Yes	34541	1,2-DICHLOROPROPANE TOTWUG/L	12/23/86-12/23/86	0	1	
SAMO0096	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	01/08/87-01/08/87	0	1	
SAMO0139	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	01/29/87-01/29/87	0	1	
SAMO0151	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	12/11/86-04/14/87	0	2	
SAMO0165	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	04/14/87-04/14/87	0	1	
SAMO0166	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	06/17/87-06/17/87	0	1	
SAMO0167	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	06/17/87-06/17/87	0	1	
SAMO0174	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	06/17/87-06/17/87	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 01/01/01 To 09/02/93**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
SAMO0007	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	03/24/87-03/24/87	0	1	
SAMO0013	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	10/12/86-03/24/87	0	2	
SAMO0016	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	11/03/86-04/09/87	0	2	
SAMO0017	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	03/24/87-03/24/87	0	1	
SAMO0019	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	12/23/86-12/23/86	0	1	
SAMO0021	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	05/19/87-05/19/87	0	1	
SAMO0023	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	11/03/86-04/09/87	0	2	
SAMO0024	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	03/24/87-03/24/87	0	1	
SAMO0025	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	11/20/86-04/14/87	0	2	
SAMO0026	Yes	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	12/23/86-12/23/86	0	1	
SAMO0031	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	11/20/86-03/24/87	0	2	
SAMO0033	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	12/04/86-04/14/87	0	2	
SAMO0034	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	12/04/86-04/14/87	0	2	
SAMO0035	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	03/24/87-03/24/87	0	1	
SAMO0036	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	12/04/86-12/04/86	0	1	
SAMO0037	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	12/04/86-12/04/86	0	1	
SAMO0049	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	12/04/86-12/04/86	0	1	
SAMO0052	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	04/14/87-04/14/87	0	1	
SAMO0060	Yes	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	12/15/86-12/15/86	0	1	
SAMO0071	Yes	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	12/23/86-12/23/86	0	1	
SAMO0096	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	01/08/87-01/08/87	0	1	
SAMO0139	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	01/29/87-01/29/87	0	1	
SAMO0151	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	12/11/86-04/14/87	0	2	
SAMO0165	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	04/14/87-04/14/87	0	1	
SAMO0166	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	06/17/87-06/17/87	0	1	
SAMO0167	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	06/17/87-06/17/87	0	1	
SAMO0174	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	06/17/87-06/17/87	0	1	
SAMO0008	No	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	10/12/86-10/12/86	0	1	
SAMO0016	No	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0023	No	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0025	No	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0031	No	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0060	Yes	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	12/15/86-12/15/86	0	1	
SAMO0151	No	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0008	No	34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	10/12/86-10/12/86	0	1	
SAMO0016	No	34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0023	No	34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0025	No	34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0031	No	34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0060	Yes	34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	12/15/86-12/15/86	0	1	
SAMO0151	No	34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0007	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	03/24/87-03/24/87	0	1	
SAMO0008	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	03/24/87-03/24/87	0	1	
SAMO0016	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	04/09/87-04/09/87	0	1	
SAMO0017	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	03/24/87-03/24/87	0	1	
SAMO0019	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	12/23/86-12/23/86	0	1	
SAMO0021	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	05/19/87-05/19/87	0	1	
SAMO0023	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	04/09/87-04/09/87	0	1	
SAMO0024	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	03/24/87-03/24/87	0	1	
SAMO0025	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	04/14/87-04/14/87	0	1	
SAMO0026	Yes	34566	1,3-DICHLOROBENZENE TOTWUG/L	12/23/86-12/23/86	0	1	
SAMO0031	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	03/24/87-03/24/87	0	1	
SAMO0033	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	12/04/86-04/14/87	0	2	
SAMO0034	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	12/04/86-04/14/87	0	2	
SAMO0035	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	03/24/87-03/24/87	0	1	
SAMO0036	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	12/04/86-12/04/86	0	1	
SAMO0037	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	12/04/86-12/04/86	0	1	
SAMO0049	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	12/04/86-12/04/86	0	1	
SAMO0052	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	04/14/87-04/14/87	0	1	
SAMO0071	Yes	34566	1,3-DICHLOROBENZENE TOTWUG/L	12/23/86-12/23/86	0	1	
SAMO0096	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	01/08/87-01/08/87	0	1	
SAMO0139	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	01/29/87-01/29/87	0	1	
SAMO0161	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	04/14/87-04/14/87	0	1	
SAMO0165	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	04/14/87-04/14/87	0	1	
SAMO0166	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	06/17/87-06/17/87	0	1	
SAMO0167	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	06/17/87-06/17/87	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 01/01/01 To 09/02/93**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
SAMO0174	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	06/17/87-06/17/87	0	1	
SAMO0007	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	03/24/87-03/24/87	0	1	
SAMO0008	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	10/12/86-03/24/87	0	2	
SAMO0014	Yes	34571	1,4-DICHLOROBENZENE TOTWUG/L	07/15/88-07/10/89	0	3	
SAMO0016	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	04/09/87-04/09/87	0	1	
SAMO0017	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	03/24/87-03/24/87	0	1	
SAMO0019	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	12/23/86-12/23/86	0	1	
SAMO0021	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	05/19/87-05/19/87	0	1	
SAMO0023	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	04/09/87-04/09/87	0	1	
SAMO0024	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	03/24/87-03/24/87	0	1	
SAMO0025	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	04/14/87-04/14/87	0	1	
SAMO0026	Yes	34571	1,4-DICHLOROBENZENE TOTWUG/L	12/23/86-12/23/86	0	1	
SAMO0031	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	03/24/87-03/24/87	0	1	
SAMO0033	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	12/04/86-04/14/87	0	2	
SAMO0034	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	12/04/86-04/14/87	0	2	
SAMO0035	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	03/24/87-03/24/87	0	1	
SAMO0036	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	12/04/86-12/04/86	0	1	
SAMO0037	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	12/04/86-12/04/86	0	1	
SAMO0049	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	12/04/86-12/04/86	0	1	
SAMO0052	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	04/14/87-04/14/87	0	1	
SAMO0071	Yes	34571	1,4-DICHLOROBENZENE TOTWUG/L	12/23/86-12/23/86	0	1	
SAMO0096	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	01/08/87-01/08/87	0	1	
SAMO0139	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	01/29/87-01/29/87	0	1	
SAMO0161	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	04/14/87-04/14/87	0	1	
SAMO0165	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	04/14/87-04/14/87	0	1	
SAMO0166	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	06/17/87-06/17/87	0	1	
SAMO0167	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	06/17/87-06/17/87	0	1	
SAMO0174	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	06/17/87-06/17/87	0	1	
SAMO0007	No	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	03/24/87-03/24/87	0	1	
SAMO0013	No	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	10/12/86-03/24/87	0	2	
SAMO0016	No	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	11/03/86-04/09/87	0	2	
SAMO0017	No	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	03/24/87-03/24/87	0	1	
SAMO0019	No	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	12/23/86-12/23/86	0	1	
SAMO0021	No	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	05/19/87-05/19/87	0	1	
SAMO0023	No	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	11/03/86-04/09/87	0	2	
SAMO0024	No	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	03/24/87-03/24/87	0	1	
SAMO0025	No	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	11/20/86-04/14/87	0	2	
SAMO0026	Yes	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	12/23/86-12/23/86	0	1	
SAMO0031	No	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	11/20/86-03/24/87	0	2	
SAMO0033	No	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	12/04/86-04/14/87	0	2	
SAMO0034	No	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	12/04/86-04/14/87	0	2	
SAMO0035	No	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	03/24/87-03/24/87	0	1	
SAMO0036	No	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	12/04/86-12/04/86	0	1	
SAMO0037	No	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	12/04/86-12/04/86	0	1	
SAMO0049	No	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	12/04/86-12/04/86	0	1	
SAMO0052	No	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	04/14/87-04/14/87	0	1	
SAMO0060	Yes	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	12/15/86-12/15/86	0	1	
SAMO0071	Yes	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	12/23/86-12/23/86	0	1	
SAMO0096	No	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	01/08/87-01/08/87	0	1	
SAMO0139	No	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	01/29/87-01/29/87	0	1	
SAMO0151	No	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	12/11/86-04/14/87	0	2	
SAMO0165	No	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	04/14/87-04/14/87	0	1	
SAMO0166	No	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	06/17/87-06/17/87	0	1	
SAMO0167	No	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	06/17/87-06/17/87	0	1	
SAMO0174	No	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	06/17/87-06/17/87	0	1	
SAMO0008	No	34581	2-CHLORONAPHTHALENE TOTWUG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	34581	2-CHLORONAPHTHALENE TOTWUG/L	10/12/86-10/12/86	0	1	
SAMO0016	No	34581	2-CHLORONAPHTHALENE TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0023	No	34581	2-CHLORONAPHTHALENE TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0025	No	34581	2-CHLORONAPHTHALENE TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0031	No	34581	2-CHLORONAPHTHALENE TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0060	Yes	34581	2-CHLORONAPHTHALENE TOTWUG/L	12/15/86-12/15/86	0	1	
SAMO0151	No	34581	2-CHLORONAPHTHALENE TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	34581	2-CHLORONAPHTHALENE TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0008	No	34586	2-CHLOROPHENOL TOTWUG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	34586	2-CHLOROPHENOL TOTWUG/L	10/12/86-10/12/86	0	1	
SAMO0016	No	34586	2-CHLOROPHENOL TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0023	No	34586	2-CHLOROPHENOL TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0025	No	34586	2-CHLOROPHENOL TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0031	No	34586	2-CHLOROPHENOL TOTWUG/L	11/20/86-11/20/86	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation  
From 01/01/01 To 09/02/93**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
SAMO0060	Yes	34586	2-CHLOROPHENOL TOTWUG/L	12/15/86-12/15/86	0	1	
SAMO0151	No	34586	2-CHLOROPHENOL TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	34586	2-CHLOROPHENOL TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0008	No	34591	2-NITROPHENOL TOTWUG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	34591	2-NITROPHENOL TOTWUG/L	10/12/86-10/12/86	0	1	
SAMO0016	No	34591	2-NITROPHENOL TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0023	No	34591	2-NITROPHENOL TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0025	No	34591	2-NITROPHENOL TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0031	No	34591	2-NITROPHENOL TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0060	Yes	34591	2-NITROPHENOL TOTWUG/L	12/15/86-12/15/86	0	1	
SAMO0151	No	34591	2-NITROPHENOL TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	34591	2-NITROPHENOL TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0008	No	34596	DI-N-OCTYL PHTHALATE TOTWUG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	34596	DI-N-OCTYL PHTHALATE TOTWUG/L	10/12/86-10/12/86	0	1	
SAMO0016	No	34596	DI-N-OCTYL PHTHALATE TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0023	No	34596	DI-N-OCTYL PHTHALATE TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0025	No	34596	DI-N-OCTYL PHTHALATE TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0031	No	34596	DI-N-OCTYL PHTHALATE TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0060	Yes	34596	DI-N-OCTYL PHTHALATE TOTWUG/L	12/15/86-12/15/86	0	1	
SAMO0151	No	34596	DI-N-OCTYL PHTHALATE TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	34596	DI-N-OCTYL PHTHALATE TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0008	No	34601	2,4-DICHLOROPHENOL TOTWUG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	34601	2,4-DICHLOROPHENOL TOTWUG/L	10/12/86-10/12/86	0	1	
SAMO0016	No	34601	2,4-DICHLOROPHENOL TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0023	No	34601	2,4-DICHLOROPHENOL TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0025	No	34601	2,4-DICHLOROPHENOL TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0031	No	34601	2,4-DICHLOROPHENOL TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0060	Yes	34601	2,4-DICHLOROPHENOL TOTWUG/L	12/15/86-12/15/86	0	1	
SAMO0151	No	34601	2,4-DICHLOROPHENOL TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	34601	2,4-DICHLOROPHENOL TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0008	No	34606	2,4-DIMETHYLPHENOL TOTWUG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	34606	2,4-DIMETHYLPHENOL TOTWUG/L	10/12/86-10/12/86	0	1	
SAMO0016	No	34606	2,4-DIMETHYLPHENOL TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0023	No	34606	2,4-DIMETHYLPHENOL TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0025	No	34606	2,4-DIMETHYLPHENOL TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0031	No	34606	2,4-DIMETHYLPHENOL TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0060	Yes	34606	2,4-DIMETHYLPHENOL TOTWUG/L	12/15/86-12/15/86	0	1	
SAMO0151	No	34606	2,4-DIMETHYLPHENOL TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	34606	2,4-DIMETHYLPHENOL TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0008	No	34611	2,4-DINITROTOLUENE TOTWUG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	34611	2,4-DINITROTOLUENE TOTWUG/L	10/12/86-10/12/86	0	1	
SAMO0016	No	34611	2,4-DINITROTOLUENE TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0023	No	34611	2,4-DINITROTOLUENE TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0025	No	34611	2,4-DINITROTOLUENE TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0031	No	34611	2,4-DINITROTOLUENE TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0060	Yes	34611	2,4-DINITROTOLUENE TOTWUG/L	12/15/86-12/15/86	0	1	
SAMO0151	No	34611	2,4-DINITROTOLUENE TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	34611	2,4-DINITROTOLUENE TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0008	No	34616	2,4-DINITROPHENOL TOTWUG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	34616	2,4-DINITROPHENOL TOTWUG/L	10/12/86-10/12/86	0	1	
SAMO0016	No	34616	2,4-DINITROPHENOL TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0023	No	34616	2,4-DINITROPHENOL TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0025	No	34616	2,4-DINITROPHENOL TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0031	No	34616	2,4-DINITROPHENOL TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0060	Yes	34616	2,4-DINITROPHENOL TOTWUG/L	12/15/86-12/15/86	0	1	
SAMO0151	No	34616	2,4-DINITROPHENOL TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	34616	2,4-DINITROPHENOL TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0008	No	34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	10/12/86-10/12/86	0	1	
SAMO0016	No	34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0023	No	34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0025	No	34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0031	No	34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0060	Yes	34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	12/15/86-12/15/86	0	1	
SAMO0151	No	34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0008	No	34626	2,6-DINITROTOLUENE TOTWUG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	34626	2,6-DINITROTOLUENE TOTWUG/L	10/12/86-10/12/86	0	1	
SAMO0016	No	34626	2,6-DINITROTOLUENE TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0023	No	34626	2,6-DINITROTOLUENE TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0025	No	34626	2,6-DINITROTOLUENE TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0031	No	34626	2,6-DINITROTOLUENE TOTWUG/L	11/20/86-11/20/86	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 01/01/01 To 09/02/93**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
SAMO0060	Yes	34626	2,6-DINITROTOLUENE TOTWUG/L	12/15/86-12/15/86	0	1	
SAMO0151	No	34626	2,6-DINITROTOLUENE TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	34626	2,6-DINITROTOLUENE TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0008	No	34631	3,3'-DICHLOOROBENZIDINE TOTWUG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	34631	3,3'-DICHLOOROBENZIDINE TOTWUG/L	10/12/86-10/12/86	0	1	
SAMO0016	No	34631	3,3'-DICHLOOROBENZIDINE TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0023	No	34631	3,3'-DICHLOOROBENZIDINE TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0025	No	34631	3,3'-DICHLOOROBENZIDINE TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0031	No	34631	3,3'-DICHLOOROBENZIDINE TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0060	Yes	34631	3,3'-DICHLOOROBENZIDINE TOTWUG/L	12/15/86-12/15/86	0	1	
SAMO0151	No	34631	3,3'-DICHLOOROBENZIDINE TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	34631	3,3'-DICHLOOROBENZIDINE TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0008	No	34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	10/12/86-10/12/86	0	1	
SAMO0016	No	34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0023	No	34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0025	No	34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0031	No	34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0060	Yes	34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	12/15/86-12/15/86	0	1	
SAMO0151	No	34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0008	No	34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	10/12/86-10/12/86	0	1	
SAMO0016	No	34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0023	No	34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0025	No	34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0031	No	34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0060	Yes	34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	12/15/86-12/15/86	0	1	
SAMO0151	No	34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0008	No	34646	4-NITROPHENOL TOTWUG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	34646	4-NITROPHENOL TOTWUG/L	10/12/86-10/12/86	0	1	
SAMO0016	No	34646	4-NITROPHENOL TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0023	No	34646	4-NITROPHENOL TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0025	No	34646	4-NITROPHENOL TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0031	No	34646	4-NITROPHENOL TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0060	Yes	34646	4-NITROPHENOL TOTWUG/L	12/15/86-12/15/86	0	1	
SAMO0151	No	34646	4-NITROPHENOL TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	34646	4-NITROPHENOL TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0008	No	34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	10/12/86-10/12/86	0	1	
SAMO0016	No	34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0023	No	34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0025	No	34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0031	No	34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0060	Yes	34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	12/15/86-12/15/86	0	1	
SAMO0151	No	34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0007	No	34668	DICHLORODIFUOROMETHANE TOTWUG/L	03/24/87-03/24/87	0	1	
SAMO0013	No	34668	DICHLORODIFUOROMETHANE TOTWUG/L	10/12/86-03/24/87	0	2	
SAMO0016	No	34668	DICHLORODIFUOROMETHANE TOTWUG/L	11/03/86-04/09/87	0	2	
SAMO0017	No	34668	DICHLORODIFUOROMETHANE TOTWUG/L	03/24/87-03/24/87	0	1	
SAMO0019	No	34668	DICHLORODIFUOROMETHANE TOTWUG/L	12/23/86-12/23/86	0	1	
SAMO0021	No	34668	DICHLORODIFUOROMETHANE TOTWUG/L	05/19/87-05/19/87	0	1	
SAMO0023	No	34668	DICHLORODIFUOROMETHANE TOTWUG/L	11/03/86-04/09/87	0	2	
SAMO0024	No	34668	DICHLORODIFUOROMETHANE TOTWUG/L	03/24/87-03/24/87	0	1	
SAMO0025	No	34668	DICHLORODIFUOROMETHANE TOTWUG/L	11/20/86-04/14/87	0	2	
SAMO0026	Yes	34668	DICHLORODIFUOROMETHANE TOTWUG/L	12/23/86-12/23/86	0	1	
SAMO0031	No	34668	DICHLORODIFUOROMETHANE TOTWUG/L	11/20/86-03/24/87	0	2	
SAMO0033	No	34668	DICHLORODIFUOROMETHANE TOTWUG/L	12/04/86-04/14/87	0	2	
SAMO0034	No	34668	DICHLORODIFUOROMETHANE TOTWUG/L	12/04/86-04/14/87	0	2	
SAMO0035	No	34668	DICHLORODIFUOROMETHANE TOTWUG/L	03/24/87-03/24/87	0	1	
SAMO0036	No	34668	DICHLORODIFUOROMETHANE TOTWUG/L	12/04/86-12/04/86	0	1	
SAMO0037	No	34668	DICHLORODIFUOROMETHANE TOTWUG/L	12/04/86-12/04/86	0	1	
SAMO0049	No	34668	DICHLORODIFUOROMETHANE TOTWUG/L	12/04/86-12/04/86	0	1	
SAMO0052	No	34668	DICHLORODIFUOROMETHANE TOTWUG/L	04/14/87-04/14/87	0	1	
SAMO0060	Yes	34668	DICHLORODIFUOROMETHANE TOTWUG/L	12/15/86-12/15/86	0	1	
SAMO0071	Yes	34668	DICHLORODIFUOROMETHANE TOTWUG/L	12/23/86-12/23/86	0	1	
SAMO0096	No	34668	DICHLORODIFUOROMETHANE TOTWUG/L	01/08/87-01/08/87	0	1	
SAMO0139	No	34668	DICHLORODIFUOROMETHANE TOTWUG/L	01/29/87-01/29/87	0	1	
SAMO0151	No	34668	DICHLORODIFUOROMETHANE TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	34668	DICHLORODIFUOROMETHANE TOTWUG/L	12/11/86-04/14/87	0	2	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot



**Station/Parameter Period of Record Tabulation  
From 01/01/01 To 09/02/93**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
SAMO0165	No	34668	DICHLORODIFUOROMETHANE TOTWUG/L	04/14/87-04/14/87	0	1	
SAMO0166	No	34668	DICHLORODIFUOROMETHANE TOTWUG/L	06/17/87-06/17/87	0	1	
SAMO0167	No	34668	DICHLORODIFUOROMETHANE TOTWUG/L	06/17/87-06/17/87	0	1	
SAMO0174	No	34668	DICHLORODIFUOROMETHANE TOTWUG/L	06/17/87-06/17/87	0	1	
SAMO0008	No	34671	PCB - 1016 TOTWUG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	34671	PCB - 1016 TOTWUG/L	10/12/86-10/12/86	0	1	
SAMO0016	No	34671	PCB - 1016 TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0023	No	34671	PCB - 1016 TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0025	No	34671	PCB - 1016 TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0031	No	34671	PCB - 1016 TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0060	Yes	34671	PCB - 1016 TOTWUG/L	12/15/86-12/15/86	0	1	
SAMO0151	No	34671	PCB - 1016 TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	34671	PCB - 1016 TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0002	No	34672	PCB - 1016 DISSUG/L	05/18/88-12/12/91	3	36	
SAMO0014	Yes	34672	PCB - 1016 DISSUG/L	05/11/88-12/05/91	3	40	
SAMO0018	No	34672	PCB - 1016 DISSUG/L	02/09/89-02/04/90	0	4	
SAMO0027	Yes	34672	PCB - 1016 DISSUG/L	02/09/89-02/04/90	0	4	
SAMO0061	Yes	34672	PCB - 1016 DISSUG/L	08/15/88-06/05/90	1	6	
SAMO0101	Yes	34672	PCB - 1016 DISSUG/L	02/09/89-02/09/89	0	1	
SAMO0008	No	34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	10/31/86-10/31/86	0	2	
SAMO0013	No	34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	10/12/86-10/17/86	0	2	
SAMO0016	No	34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	11/03/86-11/03/86	0	2	
SAMO0023	No	34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	11/03/86-11/03/86	0	2	
SAMO0025	No	34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	11/20/86-11/20/86	0	2	
SAMO0031	No	34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	11/20/86-11/20/86	0	2	
SAMO0060	Yes	34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	12/15/86-12/15/86	0	2	
SAMO0151	No	34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	12/11/86-12/11/86	0	2	
SAMO0161	No	34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	12/11/86-12/11/86	0	2	
SAMO0008	No	34696	NAPHTHALENE TOTWUG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	34696	NAPHTHALENE TOTWUG/L	10/12/86-10/12/86	0	1	
SAMO0016	No	34696	NAPHTHALENE TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0023	No	34696	NAPHTHALENE TOTWUG/L	11/03/86-11/03/86	0	1	
SAMO0025	No	34696	NAPHTHALENE TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0031	No	34696	NAPHTHALENE TOTWUG/L	11/20/86-11/20/86	0	1	
SAMO0060	Yes	34696	NAPHTHALENE TOTWUG/L	12/15/86-12/15/86	0	1	
SAMO0151	No	34696	NAPHTHALENE TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	34696	NAPHTHALENE TOTWUG/L	12/11/86-12/11/86	0	1	
SAMO0007	No	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	03/24/87-03/24/87	0	1	
SAMO0013	No	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	10/12/86-03/24/87	0	2	
SAMO0016	No	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	11/03/86-04/09/87	0	2	
SAMO0017	No	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	03/24/87-03/24/87	0	1	
SAMO0019	No	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	12/23/86-12/23/86	0	1	
SAMO0021	No	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	05/19/87-05/19/87	0	1	
SAMO0023	No	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	11/03/86-04/09/87	0	2	
SAMO0024	No	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	03/24/87-03/24/87	0	1	
SAMO0025	No	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	11/20/86-04/14/87	0	2	
SAMO0026	Yes	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	12/23/86-12/23/86	0	1	
SAMO0031	No	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	11/20/86-03/24/87	0	2	
SAMO0033	No	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	12/04/86-04/14/87	0	2	
SAMO0034	No	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	12/04/86-04/14/87	0	2	
SAMO0035	No	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	03/24/87-03/24/87	0	1	
SAMO0036	No	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	12/04/86-12/04/86	0	1	
SAMO0037	No	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	12/04/86-12/04/86	0	1	
SAMO0049	No	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	12/04/86-12/04/86	0	1	
SAMO0052	No	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	04/14/87-04/14/87	0	1	
SAMO0060	Yes	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	12/15/86-12/15/86	0	1	
SAMO0071	Yes	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	12/23/86-12/23/86	0	1	
SAMO0096	No	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	01/08/87-01/08/87	0	1	
SAMO0139	No	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	01/29/87-01/29/87	0	1	
SAMO0151	No	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	12/11/86-04/14/87	0	2	
SAMO0165	No	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	04/14/87-04/14/87	0	1	
SAMO0166	No	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	06/17/87-06/17/87	0	1	
SAMO0167	No	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	06/17/87-06/17/87	0	1	
SAMO0174	No	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	06/17/87-06/17/87	0	1	
SAMO0007	No	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	03/24/87-03/24/87	0	1	
SAMO0013	No	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	10/12/86-03/24/87	0	2	
SAMO0016	No	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	11/03/86-04/09/87	0	2	
SAMO0017	No	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	03/24/87-03/24/87	0	1	
SAMO0019	No	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	12/23/86-12/23/86	0	1	
SAMO0021	No	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	05/19/87-05/19/87	0	1	
SAMO0023	No	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	11/03/86-04/09/87	0	2	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

# **Station/Parameter Period of Record Tabulation** **From 01/01/01 To 09/02/93**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
SAMO0024	No	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	03/24/87-03/24/87	0	1	
SAMO0025	No	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	11/20/86-04/14/87	0	2	
SAMO0026	Yes	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	12/23/86-12/23/86	0	1	
SAMO0031	No	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	11/20/86-03/24/87	0	2	
SAMO0033	No	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	12/04/86-04/14/87	0	2	
SAMO0034	No	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	12/04/86-04/14/87	0	2	
SAMO0035	No	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	03/24/87-03/24/87	0	1	
SAMO0036	No	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	12/04/86-12/04/86	0	1	
SAMO0037	No	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	12/04/86-12/04/86	0	1	
SAMO0049	No	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	12/04/86-12/04/86	0	1	
SAMO0052	No	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	04/14/87-04/14/87	0	1	
SAMO0060	Yes	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	12/15/86-12/15/86	0	1	
SAMO0071	Yes	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	12/23/86-12/23/86	0	1	
SAMO0096	No	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	01/08/87-01/08/87	0	1	
SAMO0139	No	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	01/29/87-01/29/87	0	1	
SAMO0151	No	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	12/11/86-04/14/87	0	2	
SAMO0165	No	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	04/14/87-04/14/87	0	1	
SAMO0166	No	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	06/17/87-06/17/87	0	1	
SAMO0167	No	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	06/17/87-06/17/87	0	1	
SAMO0174	No	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	06/17/87-06/17/87	0	1	
SAMO0057	No	34754	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN TISWETWTPG/G	05/18/88-05/18/88	0	2	
SAMO0014	Yes	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	10/16/80-12/16/87	7	3	
SAMO0102	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	09/05/90-09/05/90	0	1	
SAMO0103	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	09/05/90-09/05/90	0	1	
SAMO0120	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	09/05/90-09/05/90	0	1	
SAMO0124	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/10/90-07/10/90	0	1	
SAMO0135	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/10/90-07/10/90	0	1	
SAMO0029	Yes	39024	PROPAGINE,COULSON CONDUCTIVITY,WATER SAMPL(UG/L)	01/02/82-08/03/88	6	11	
SAMO0032	Yes	39024	PROPAGINE,COULSON CONDUCTIVITY,WATER SAMPL(UG/L)	02/01/86-02/01/86	0	1	
SAMO0054	Yes	39024	PROPAGINE,COULSON CONDUCTIVITY,WATER SAMPL(UG/L)	02/01/86-02/01/86	0	1	
SAMO0059	Yes	39024	PROPAGINE,COULSON CONDUCTIVITY,WATER SAMPL(UG/L)	01/01/82-08/04/88	6	4	
SAMO0066	Yes	39024	PROPAGINE,COULSON CONDUCTIVITY,WATER SAMPL(UG/L)	08/03/88-08/03/88	0	1	
SAMO0069	Yes	39024	PROPAGINE,COULSON CONDUCTIVITY,WATER SAMPL(UG/L)	01/02/82-08/02/88	6	11	
SAMO0084	Yes	39024	PROPAGINE,COULSON CONDUCTIVITY,WATER SAMPL(UG/L)	01/02/82-03/18/82	0	2	
SAMO0086	Yes	39024	PROPAGINE,COULSON CONDUCTIVITY,WATER SAMPL(UG/L)	03/02/83-03/02/83	0	1	
SAMO0088	Yes	39024	PROPAGINE,COULSON CONDUCTIVITY,WATER SAMPL(UG/L)	08/02/88-08/02/88	0	1	
SAMO0092	Yes	39024	PROPAGINE,COULSON CONDUCTIVITY,WATER SAMPL(UG/L)	11/25/85-12/17/87	2	2	
SAMO0105	Yes	39024	PROPAGINE,COULSON CONDUCTIVITY,WATER SAMPL(UG/L)	03/10/86-03/10/86	0	1	
SAMO0127	Yes	39024	PROPAGINE,COULSON CONDUCTIVITY,WATER SAMPL(UG/L)	02/13/86-02/13/86	0	1	
SAMO0128	Yes	39024	PROPAGINE,COULSON CONDUCTIVITY,WATER SAMPL(UG/L)	02/13/86-02/13/86	0	1	
SAMO0131	Yes	39024	PROPAGINE,COULSON CONDUCTIVITY,WATER SAMPL(UG/L)	03/17/82-03/17/82	0	1	
SAMO0138	No	39024	PROPAGINE,COULSON CONDUCTIVITY,WATER SAMPL(UG/L)	03/17/82-03/17/82	0	1	
SAMO0141	No	39024	PROPAGINE,COULSON CONDUCTIVITY,WATER SAMPL(UG/L)	03/01/83-03/01/83	0	1	
SAMO0029	Yes	39030	TREFLAN, MICROCOULOMETRIC,WATER SAMPLE (UG/L)	08/03/88-08/03/88	0	1	
SAMO0059	Yes	39030	TREFLAN, MICROCOULOMETRIC,WATER SAMPLE (UG/L)	08/04/88-08/04/88	0	1	
SAMO0066	Yes	39030	TREFLAN, MICROCOULOMETRIC,WATER SAMPLE (UG/L)	08/03/88-08/03/88	0	1	
SAMO0069	Yes	39030	TREFLAN, MICROCOULOMETRIC,WATER SAMPLE (UG/L)	08/02/88-08/02/88	0	1	
SAMO0088	Yes	39030	TREFLAN, MICROCOULOMETRIC,WATER SAMPLE (UG/L)	08/02/88-08/02/88	0	1	
SAMO0092	Yes	39030	TREFLAN, MICROCOULOMETRIC,WATER SAMPLE (UG/L)	12/17/87-12/17/87	0	1	
SAMO0008	No	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	10/12/86-10/12/86	0	1	
SAMO0016	No	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	11/03/86-11/03/86	0	1	
SAMO0023	No	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	11/03/86-11/03/86	0	1	
SAMO0025	No	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	11/20/86-11/20/86	0	1	
SAMO0031	No	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	11/20/86-11/20/86	0	1	
SAMO0060	Yes	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	12/15/86-12/15/86	0	1	
SAMO0151	No	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	12/11/86-12/11/86	0	1	
SAMO0001	No	39036	ALKALINITY,FILTERED SAMPLE AS CaCO3 MG/L	03/03/77-03/03/77	0	1	
SAMO0030	Yes	39036	ALKALINITY,FILTERED SAMPLE AS CaCO3 MG/L	04/18/78-04/18/78	0	1	
SAMO0062	Yes	39036	ALKALINITY,FILTERED SAMPLE AS CaCO3 MG/L	09/19/77-05/17/88	10	2	
SAMO0098	No	39036	ALKALINITY,FILTERED SAMPLE AS CaCO3 MG/L	09/02/93-09/02/93	0	1	
SAMO0102	No	39036	ALKALINITY,FILTERED SAMPLE AS CaCO3 MG/L	09/05/90-08/31/93	2	2	
SAMO0103	No	39036	ALKALINITY,FILTERED SAMPLE AS CaCO3 MG/L	09/05/90-08/31/93	2	2	
SAMO0109	No	39036	ALKALINITY,FILTERED SAMPLE AS CaCO3 MG/L	09/02/93-09/02/93	0	1	
SAMO0111	No	39036	ALKALINITY,FILTERED SAMPLE AS CaCO3 MG/L	04/12/79-04/12/79	0	1	
SAMO0112	No	39036	ALKALINITY,FILTERED SAMPLE AS CaCO3 MG/L	04/12/79-04/12/79	0	1	
SAMO0120	No	39036	ALKALINITY,FILTERED SAMPLE AS CaCO3 MG/L	09/05/90-09/01/93	2	2	
SAMO0124	No	39036	ALKALINITY,FILTERED SAMPLE AS CaCO3 MG/L	07/10/90-07/10/90	0	1	
SAMO0135	No	39036	ALKALINITY,FILTERED SAMPLE AS CaCO3 MG/L	07/10/90-07/10/90	0	1	
SAMO0008	No	39045	2,4,5-TP INCLUDES ACIDS & SALTS WATER SAMPL UG/L	10/31/86-10/31/86	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 01/01/01 To 09/02/93**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
SAMO0013	No	39045	2,4,5-TP INCLUDES ACIDS & SALTS WATER SAMPL UG/L	10/17/86-10/17/86	0	1	
SAMO0016	No	39045	2,4,5-TP INCLUDES ACIDS & SALTS WATER SAMPL UG/L	11/03/86-11/03/86	0	1	
SAMO0023	No	39045	2,4,5-TP INCLUDES ACIDS & SALTS WATER SAMPL UG/L	11/03/86-11/03/86	0	1	
SAMO0025	No	39045	2,4,5-TP INCLUDES ACIDS & SALTS WATER SAMPL UG/L	11/20/86-11/20/86	0	1	
SAMO0031	No	39045	2,4,5-TP INCLUDES ACIDS & SALTS WATER SAMPL UG/L	11/20/86-11/20/86	0	1	
SAMO0151	No	39045	2,4,5-TP INCLUDES ACIDS & SALTS WATER SAMPL UG/L	12/11/86-12/11/86	0	1	
SAMO0029	Yes	39054	SIMETRYNE IN WHOLE WATER (UG/L)	01/02/82-08/03/88	6	11	
SAMO0032	Yes	39054	SIMETRYNE IN WHOLE WATER (UG/L)	02/01/86-02/01/86	0	1	
SAMO0054	Yes	39054	SIMETRYNE IN WHOLE WATER (UG/L)	02/01/86-02/01/86	0	1	
SAMO0059	Yes	39054	SIMETRYNE IN WHOLE WATER (UG/L)	01/01/82-08/04/88	6	4	
SAMO0066	Yes	39054	SIMETRYNE IN WHOLE WATER (UG/L)	08/03/88-08/03/88	0	1	
SAMO0069	Yes	39054	SIMETRYNE IN WHOLE WATER (UG/L)	01/02/82-08/02/88	6	11	
SAMO0084	Yes	39054	SIMETRYNE IN WHOLE WATER (UG/L)	01/02/82-03/18/82	0	2	
SAMO0086	Yes	39054	SIMETRYNE IN WHOLE WATER (UG/L)	03/02/83-03/02/83	0	1	
SAMO0088	Yes	39054	SIMETRYNE IN WHOLE WATER (UG/L)	08/02/88-08/02/88	0	1	
SAMO0092	Yes	39054	SIMETRYNE IN WHOLE WATER (UG/L)	11/25/85-12/17/87	2	2	
SAMO0105	Yes	39054	SIMETRYNE IN WHOLE WATER (UG/L)	03/10/86-03/10/86	0	1	
SAMO0127	Yes	39054	SIMETRYNE IN WHOLE WATER (UG/L)	02/13/86-02/13/86	0	1	
SAMO0128	Yes	39054	SIMETRYNE IN WHOLE WATER (UG/L)	02/13/86-02/13/86	0	1	
SAMO0131	Yes	39054	SIMETRYNE IN WHOLE WATER (UG/L)	03/17/82-03/17/82	0	1	
SAMO0138	No	39054	SIMETRYNE IN WHOLE WATER (UG/L)	03/17/82-03/17/82	0	1	
SAMO0141	No	39054	SIMETRYNE IN WHOLE WATER (UG/L)	03/01/83-03/01/83	0	1	
SAMO0029	Yes	39055	SIMAZINE IN WHOLE WATER (UG/L)	01/02/82-08/03/88	6	11	
SAMO0032	Yes	39055	SIMAZINE IN WHOLE WATER (UG/L)	02/01/86-02/01/86	0	1	
SAMO0054	Yes	39055	SIMAZINE IN WHOLE WATER (UG/L)	02/01/86-02/01/86	0	1	
SAMO0059	Yes	39055	SIMAZINE IN WHOLE WATER (UG/L)	01/01/82-08/04/88	6	4	
SAMO0066	Yes	39055	SIMAZINE IN WHOLE WATER (UG/L)	08/03/88-08/03/88	0	1	
SAMO0069	Yes	39055	SIMAZINE IN WHOLE WATER (UG/L)	01/02/82-08/02/88	6	11	
SAMO0084	Yes	39055	SIMAZINE IN WHOLE WATER (UG/L)	01/02/82-03/18/82	0	2	
SAMO0086	Yes	39055	SIMAZINE IN WHOLE WATER (UG/L)	03/02/83-03/02/83	0	1	
SAMO0088	Yes	39055	SIMAZINE IN WHOLE WATER (UG/L)	08/02/88-08/02/88	0	1	
SAMO0092	Yes	39055	SIMAZINE IN WHOLE WATER (UG/L)	11/25/85-12/17/87	2	2	
SAMO0105	Yes	39055	SIMAZINE IN WHOLE WATER (UG/L)	03/10/86-03/10/86	0	1	
SAMO0127	Yes	39055	SIMAZINE IN WHOLE WATER (UG/L)	02/13/86-02/13/86	0	1	
SAMO0128	Yes	39055	SIMAZINE IN WHOLE WATER (UG/L)	02/13/86-02/13/86	0	1	
SAMO0131	Yes	39055	SIMAZINE IN WHOLE WATER (UG/L)	03/17/82-03/17/82	0	1	
SAMO0138	No	39055	SIMAZINE IN WHOLE WATER (UG/L)	03/17/82-03/17/82	0	1	
SAMO0141	No	39055	SIMAZINE IN WHOLE WATER (UG/L)	03/01/83-03/01/83	0	1	
SAMO0029	Yes	39056	PROMETONE IN WHOLE WATER (UG/L)	01/02/82-08/03/88	6	11	
SAMO0032	Yes	39056	PROMETONE IN WHOLE WATER (UG/L)	02/01/86-02/01/86	0	1	
SAMO0054	Yes	39056	PROMETONE IN WHOLE WATER (UG/L)	02/01/86-02/01/86	0	1	
SAMO0059	Yes	39056	PROMETONE IN WHOLE WATER (UG/L)	01/01/82-08/04/88	6	4	
SAMO0066	Yes	39056	PROMETONE IN WHOLE WATER (UG/L)	08/03/88-08/03/88	0	1	
SAMO0069	Yes	39056	PROMETONE IN WHOLE WATER (UG/L)	01/02/82-08/02/88	6	11	
SAMO0084	Yes	39056	PROMETONE IN WHOLE WATER (UG/L)	01/02/82-03/18/82	0	2	
SAMO0086	Yes	39056	PROMETONE IN WHOLE WATER (UG/L)	03/02/83-03/02/83	0	1	
SAMO0088	Yes	39056	PROMETONE IN WHOLE WATER (UG/L)	08/02/88-08/02/88	0	1	
SAMO0092	Yes	39056	PROMETONE IN WHOLE WATER (UG/L)	11/25/85-12/17/87	2	2	
SAMO0105	Yes	39056	PROMETONE IN WHOLE WATER (UG/L)	03/10/86-03/10/86	0	1	
SAMO0127	Yes	39056	PROMETONE IN WHOLE WATER (UG/L)	02/13/86-02/13/86	0	1	
SAMO0128	Yes	39056	PROMETONE IN WHOLE WATER (UG/L)	02/13/86-02/13/86	0	1	
SAMO0131	Yes	39056	PROMETONE IN WHOLE WATER (UG/L)	03/17/82-03/17/82	0	1	
SAMO0138	No	39056	PROMETONE IN WHOLE WATER (UG/L)	03/17/82-03/17/82	0	1	
SAMO0141	No	39056	PROMETONE IN WHOLE WATER (UG/L)	03/01/83-03/01/83	0	1	
SAMO0029	Yes	39057	PROMETRYNE IN WHOLE WATER (UG/L)	01/02/82-08/03/88	6	11	
SAMO0032	Yes	39057	PROMETRYNE IN WHOLE WATER (UG/L)	02/01/86-02/01/86	0	1	
SAMO0054	Yes	39057	PROMETRYNE IN WHOLE WATER (UG/L)	02/01/86-02/01/86	0	1	
SAMO0059	Yes	39057	PROMETRYNE IN WHOLE WATER (UG/L)	01/01/82-08/04/88	6	4	
SAMO0066	Yes	39057	PROMETRYNE IN WHOLE WATER (UG/L)	08/03/88-08/03/88	0	1	
SAMO0069	Yes	39057	PROMETRYNE IN WHOLE WATER (UG/L)	01/02/82-08/02/88	6	11	
SAMO0084	Yes	39057	PROMETRYNE IN WHOLE WATER (UG/L)	01/02/82-03/18/82	0	2	
SAMO0086	Yes	39057	PROMETRYNE IN WHOLE WATER (UG/L)	03/02/83-03/02/83	0	1	
SAMO0088	Yes	39057	PROMETRYNE IN WHOLE WATER (UG/L)	08/02/88-08/02/88	0	1	
SAMO0092	Yes	39057	PROMETRYNE IN WHOLE WATER (UG/L)	11/25/85-12/17/87	2	2	
SAMO0105	Yes	39057	PROMETRYNE IN WHOLE WATER (UG/L)	03/10/86-03/10/86	0	1	
SAMO0127	Yes	39057	PROMETRYNE IN WHOLE WATER (UG/L)	02/13/86-02/13/86	0	1	
SAMO0128	Yes	39057	PROMETRYNE IN WHOLE WATER (UG/L)	02/13/86-02/13/86	0	1	
SAMO0131	Yes	39057	PROMETRYNE IN WHOLE WATER (UG/L)	03/17/82-03/17/82	0	1	
SAMO0138	No	39057	PROMETRYNE IN WHOLE WATER (UG/L)	03/17/82-03/17/82	0	1	
SAMO0141	No	39057	PROMETRYNE IN WHOLE WATER (UG/L)	03/01/83-03/01/83	0	1	
SAMO0098	No	39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	09/02/93-09/02/93	0	1	
SAMO0102	No	39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	09/05/90-08/31/93	2	2	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

# Station/Parameter Period of Record Tabulation From 01/01/01 To 09/02/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
SAMO0103	No	39086	ALKALINITY, WATER, DISS, INCR TIT, FIELD, AS CACO3, MG/L	09/05/90-08/31/93	2	2	
SAMO0109	No	39086	ALKALINITY, WATER, DISS, INCR TIT, FIELD, AS CACO3, MG/L	09/02/93-09/02/93	0	1	
SAMO0120	No	39086	ALKALINITY, WATER, DISS, INCR TIT, FIELD, AS CACO3, MG/L	09/01/93-09/01/93	0	1	
SAMO0124	No	39086	ALKALINITY, WATER, DISS, INCR TIT, FIELD, AS CACO3, MG/L	07/10/90-07/10/90	0	1	
SAMO0135	No	39086	ALKALINITY, WATER, DISS, INCR TIT, FIELD, AS CACO3, MG/L	07/10/90-07/10/90	0	1	
SAMO0008	No	39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER, UG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER, UG/L	10/12/86-10/17/86	0	2	
SAMO0016	No	39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER, UG/L	11/03/86-11/03/86	0	1	
SAMO0023	No	39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER, UG/L	11/03/86-11/03/86	0	1	
SAMO0025	No	39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER, UG/L	11/20/86-11/20/86	0	1	
SAMO0031	No	39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER, UG/L	11/20/86-11/20/86	0	1	
SAMO0060	Yes	39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER, UG/L	12/15/86-12/15/86	0	1	
SAMO0151	No	39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER, UG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER, UG/L	12/11/86-12/11/86	0	1	
SAMO0008	No	39110	DI-N-BUTYL PHTHALATE, WHOLE WATER, UG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	39110	DI-N-BUTYL PHTHALATE, WHOLE WATER, UG/L	10/12/86-10/12/86	0	1	
SAMO0016	No	39110	DI-N-BUTYL PHTHALATE, WHOLE WATER, UG/L	11/03/86-11/03/86	0	1	
SAMO0023	No	39110	DI-N-BUTYL PHTHALATE, WHOLE WATER, UG/L	11/03/86-11/03/86	0	1	
SAMO0025	No	39110	DI-N-BUTYL PHTHALATE, WHOLE WATER, UG/L	11/20/86-11/20/86	0	1	
SAMO0031	No	39110	DI-N-BUTYL PHTHALATE, WHOLE WATER, UG/L	11/20/86-11/20/86	0	1	
SAMO0060	Yes	39110	DI-N-BUTYL PHTHALATE, WHOLE WATER, UG/L	12/15/86-12/15/86	0	1	
SAMO0151	No	39110	DI-N-BUTYL PHTHALATE, WHOLE WATER, UG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	39110	DI-N-BUTYL PHTHALATE, WHOLE WATER, UG/L	12/11/86-12/11/86	0	1	
SAMO0008	No	39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	10/31/86-10/31/86	0	1	
SAMO0013	No	39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	10/12/86-10/12/86	0	1	
SAMO0016	No	39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	11/03/86-11/03/86	0	1	
SAMO0023	No	39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	11/03/86-11/03/86	0	1	
SAMO0025	No	39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	11/20/86-11/20/86	0	1	
SAMO0031	No	39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	11/20/86-11/20/86	0	1	
SAMO0060	Yes	39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	12/15/86-12/15/86	0	1	
SAMO0151	No	39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	12/11/86-12/11/86	0	1	
SAMO0161	No	39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	12/11/86-12/11/86	0	1	
SAMO0007	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	03/24/87-03/24/87	0	1	
SAMO0013	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	10/12/86-03/24/87	0	2	
SAMO0014	Yes	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	07/10/89-07/10/89	0	1	
SAMO0016	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	11/03/86-04/09/87	0	2	
SAMO0017	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	03/24/87-03/24/87	0	1	
SAMO0019	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	12/23/86-12/23/86	0	1	
SAMO0021	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	05/19/87-05/19/87	0	1	
SAMO0023	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	11/03/86-04/09/87	0	2	
SAMO0024	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	03/24/87-03/24/87	0	1	
SAMO0025	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	11/20/86-04/14/87	0	2	
SAMO0026	Yes	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	12/23/86-12/23/86	0	1	
SAMO0031	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	11/20/86-03/24/87	0	2	
SAMO0033	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	12/04/86-04/14/87	0	2	
SAMO0034	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	12/04/86-04/14/87	0	2	
SAMO0035	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	03/24/87-03/24/87	0	1	
SAMO0036	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	12/04/86-12/04/86	0	1	
SAMO0037	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	12/04/86-12/04/86	0	1	
SAMO0049	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	12/04/86-12/04/86	0	1	
SAMO0052	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	04/14/87-04/14/87	0	1	
SAMO0060	Yes	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	12/15/86-12/15/86	0	1	
SAMO0071	Yes	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	12/23/86-12/23/86	0	1	
SAMO0096	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	01/08/87-01/08/87	0	1	
SAMO0139	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	01/29/87-01/29/87	0	1	
SAMO0151	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	12/11/86-04/14/87	0	2	
SAMO0165	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	04/14/87-04/14/87	0	1	
SAMO0166	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	06/17/87-06/17/87	0	1	
SAMO0167	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	06/17/87-06/17/87	0	1	
SAMO0174	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	06/17/87-06/17/87	0	1	
SAMO0007	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	03/24/87-03/24/87	0	1	
SAMO0013	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	10/12/86-03/24/87	0	2	
SAMO0014	Yes	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	07/10/89-07/10/89	0	1	
SAMO0016	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	11/03/86-04/09/87	0	2	
SAMO0017	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	03/24/87-03/24/87	0	1	
SAMO0019	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	12/23/86-12/23/86	0	1	
SAMO0021	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	05/19/87-05/19/87	0	1	
SAMO0023	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	11/03/86-04/09/87	0	2	
SAMO0024	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	03/24/87-03/24/87	0	1	
SAMO0025	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	11/20/86-04/14/87	0	2	
SAMO0026	Yes	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	12/23/86-12/23/86	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

# Station/Parameter Period of Record Tabulation From 01/01/01 To 09/02/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
SAMO0031	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	11/20/86-03/24/87	0	2	
SAMO0033	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	12/04/86-04/14/87	0	2	
SAMO0034	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	12/04/86-04/14/87	0	2	
SAMO0035	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	03/24/87-03/24/87	0	1	
SAMO0036	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	12/04/86-12/04/86	0	1	
SAMO0037	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	12/04/86-12/04/86	0	1	
SAMO0049	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	12/04/86-12/04/86	0	1	
SAMO0052	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	04/14/87-04/14/87	0	1	
SAMO0060	Yes	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	12/15/86-12/15/86	0	1	
SAMO0071	Yes	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	12/23/86-12/23/86	0	1	
SAMO0096	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	01/08/87-01/08/87	0	1	
SAMO0139	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	01/29/87-01/29/87	0	1	
SAMO0151	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	12/11/86-04/14/87	0	2	
SAMO0165	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	04/14/87-04/14/87	0	1	
SAMO0166	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	06/17/87-06/17/87	0	1	
SAMO0167	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	06/17/87-06/17/87	0	1	
SAMO0174	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	06/17/87-06/17/87	0	1	
SAMO0029	Yes	39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	07/27/82-08/03/88	6	10	
SAMO0032	Yes	39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	07/24/86-09/17/87	1	3	
SAMO0059	Yes	39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	07/28/82-08/04/88	6	2	
SAMO0066	Yes	39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	08/03/88-08/03/88	0	1	
SAMO0069	Yes	39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	07/13/83-08/02/88	5	8	
SAMO0088	Yes	39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	08/02/88-08/02/88	0	1	
SAMO0002	No	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	05/18/88-12/12/91	3	36	
SAMO0008	No	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	10/31/86-10/31/86	0	1	
SAMO0013	No	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	10/12/86-10/12/86	0	1	
SAMO0014	Yes	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	11	74	
SAMO0016	No	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	11/03/86-11/03/86	0	1	
SAMO0018	No	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	02/09/89-02/04/90	0	4	
SAMO0023	No	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	11/03/86-11/03/86	0	1	
SAMO0025	No	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	11/20/86-11/20/86	0	1	
SAMO0027	Yes	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	02/09/89-02/16/91	2	5	
SAMO0031	No	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	11/20/86-11/20/86	0	1	
SAMO0060	Yes	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	12/15/86-12/15/86	0	1	
SAMO0061	Yes	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	08/15/88-06/05/90	1	6	
SAMO0101	Yes	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	02/09/89-02/09/89	0	1	
SAMO0151	No	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	12/11/86-12/11/86	0	1	
SAMO0161	No	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	12/11/86-12/11/86	0	1	
SAMO0014	Yes	39305	O,P' DDT IN WHOLE WATER SAMPLE (UG/L)	09/17/80-03/21/84	3	32	
SAMO0002	No	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	05/18/88-12/12/91	3	36	
SAMO0008	No	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	10/31/86-10/31/86	0	1	
SAMO0013	No	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	10/12/86-10/12/86	0	1	
SAMO0014	Yes	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	11	74	
SAMO0016	No	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	11/03/86-11/03/86	0	1	
SAMO0018	No	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	02/09/89-02/04/90	0	4	
SAMO0023	No	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	11/03/86-11/03/86	0	1	
SAMO0025	No	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	11/20/86-11/20/86	0	1	
SAMO0027	Yes	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	02/09/89-02/16/91	2	5	
SAMO0031	No	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	11/20/86-11/20/86	0	1	
SAMO0060	Yes	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	12/15/86-12/15/86	0	1	
SAMO0061	Yes	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	08/15/88-06/05/90	1	6	
SAMO0101	Yes	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	02/09/89-02/09/89	0	1	
SAMO0151	No	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	12/11/86-12/11/86	0	1	
SAMO0161	No	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	12/11/86-12/11/86	0	1	
SAMO0014	Yes	39315	O,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/17/80-03/21/84	3	32	
SAMO0002	No	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	12/12/91-12/12/91	0	1	
SAMO0008	No	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	10/31/86-10/31/86	0	1	
SAMO0013	No	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	10/12/86-10/12/86	0	1	
SAMO0014	Yes	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	11	35	
SAMO0016	No	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	11/03/86-11/03/86	0	1	
SAMO0023	No	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	11/03/86-11/03/86	0	1	
SAMO0025	No	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	11/20/86-11/20/86	0	1	
SAMO0031	No	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	11/20/86-11/20/86	0	1	
SAMO0060	Yes	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	12/15/86-12/15/86	0	1	
SAMO0151	No	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	12/11/86-12/11/86	0	1	
SAMO0161	No	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	12/11/86-12/11/86	0	1	
SAMO0014	Yes	39327	ORTHO PARA DDE IN WHOLE WATER SAMPLE (UG/L)	09/17/80-03/21/84	3	32	
SAMO0002	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	05/02/77-12/12/91	14	37	
SAMO0003	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	10/28/74-02/03/75	0	3	
SAMO0006	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	10/28/74-02/03/75	0	3	
SAMO0008	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	10/31/86-10/31/86	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation  
From 01/01/01 To 09/02/93**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
SAMO0013	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	10/12/86-10/12/86	0	1	
SAMO0014	Yes	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	11	74	
SAMO0016	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	11/03/86-11/03/86	0	1	
SAMO0018	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	02/09/89-02/04/90	0	4	
SAMO0023	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	11/03/86-11/03/86	0	1	
SAMO0025	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	11/20/86-11/20/86	0	1	
SAMO0027	Yes	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	02/09/89-02/16/91	2	5	
SAMO0028	Yes	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	12/01/73-05/16/77	3	7	
SAMO0031	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	11/20/86-11/20/86	0	1	
SAMO0060	Yes	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	12/15/86-12/15/86	0	1	
SAMO0061	Yes	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	04/15/77-06/05/90	13	8	
SAMO0062	Yes	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	05/16/77-05/16/77	0	1	
SAMO0094	Yes	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	12/01/73-01/04/74	0	2	
SAMO0101	Yes	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	02/09/89-02/09/89	0	1	
SAMO0151	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	12/11/86-12/11/86	0	1	
SAMO0161	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	12/11/86-12/11/86	0	1	
SAMO0029	Yes	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/27/82-08/03/88	6	10	
SAMO0032	Yes	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/24/86-09/17/87	1	3	
SAMO0059	Yes	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/28/82-08/04/88	6	2	
SAMO0066	Yes	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/03/88-08/03/88	0	1	
SAMO0069	Yes	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/13/83-08/02/88	5	8	
SAMO0088	Yes	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/02/88-08/02/88	0	1	
SAMO0008	No	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	10/31/86-10/31/86	0	1	
SAMO0013	No	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	10/12/86-10/12/86	0	1	
SAMO0016	No	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	11/03/86-11/03/86	0	1	
SAMO0023	No	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	11/03/86-11/03/86	0	1	
SAMO0025	No	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	11/20/86-11/20/86	0	1	
SAMO0031	No	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	11/20/86-11/20/86	0	1	
SAMO0060	Yes	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	12/15/86-12/15/86	0	1	
SAMO0151	No	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	12/11/86-12/11/86	0	1	
SAMO0161	No	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	12/11/86-12/11/86	0	1	
SAMO0002	No	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	05/18/88-12/12/91	3	36	
SAMO0008	No	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	10/31/86-10/31/86	0	1	
SAMO0013	No	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	10/12/86-10/12/86	0	1	
SAMO0014	Yes	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	05/11/88-12/05/91	3	40	
SAMO0016	No	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	11/03/86-11/03/86	0	1	
SAMO0018	No	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	02/09/89-02/04/90	0	4	
SAMO0023	No	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	11/03/86-11/03/86	0	1	
SAMO0025	No	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	11/20/86-11/20/86	0	1	
SAMO0027	Yes	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	02/09/89-02/16/91	2	5	
SAMO0031	No	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	11/20/86-11/20/86	0	1	
SAMO0060	Yes	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	12/15/86-12/15/86	0	1	
SAMO0061	Yes	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	08/15/88-06/05/90	1	6	
SAMO0101	Yes	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	02/09/89-02/09/89	0	1	
SAMO0151	No	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	12/11/86-12/11/86	0	1	
SAMO0161	No	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	12/11/86-12/11/86	0	1	
SAMO0001	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	05/02/77-05/02/77	0	1	
SAMO0002	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	05/02/77-05/02/77	0	1	
SAMO0003	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	10/28/74-02/03/75	0	3	
SAMO0004	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	12/04/74-02/03/75	0	2	
SAMO0005	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	10/28/74-02/03/75	0	3	
SAMO0006	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	10/28/74-02/03/75	0	3	
SAMO0008	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	10/12/86-10/12/86	0	1	
SAMO0014	Yes	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	09/17/80-12/16/87	7	34	
SAMO0016	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	11/03/86-11/03/86	0	1	
SAMO0023	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	11/03/86-11/03/86	0	1	
SAMO0025	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	11/20/86-11/20/86	0	1	
SAMO0028	Yes	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	12/01/73-05/16/77	3	7	
SAMO0030	Yes	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	10/28/74-02/03/75	0	3	
SAMO0031	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	11/20/86-11/20/86	0	1	
SAMO0060	Yes	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	12/15/86-12/15/86	0	1	
SAMO0061	Yes	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	04/15/77-05/16/77	0	2	
SAMO0068	Yes	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	10/28/74-02/03/75	0	3	
SAMO0094	Yes	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	12/01/73-01/04/74	0	2	
SAMO0151	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	12/11/86-12/11/86	0	1	
SAMO0029	Yes	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	07/27/82-08/03/88	6	10	
SAMO0032	Yes	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	07/24/86-09/17/87	1	3	
SAMO0059	Yes	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	07/28/82-08/04/88	6	2	
SAMO0066	Yes	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	08/03/88-08/03/88	0	1	
SAMO0069	Yes	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	07/13/83-08/02/88	5	8	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 01/01/01 To 09/02/93**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
SAMO0088	Yes	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	08/02/88-08/02/88	0	1	
SAMO0029	Yes	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	07/27/82-08/03/88	6	10	
SAMO0032	Yes	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	07/24/86-09/17/87	1	3	
SAMO0059	Yes	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	07/28/82-08/04/88	6	2	
SAMO0066	Yes	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	08/03/88-08/03/88	0	1	
SAMO0069	Yes	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	07/13/83-08/02/88	5	8	
SAMO0088	Yes	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	08/02/88-08/02/88	0	1	
SAMO0002	No	39352	CHLORDANE(TECH MIX & METABS),DISSOLVED,UG/L	05/18/88-12/12/91	3	36	
SAMO0014	Yes	39352	CHLORDANE(TECH MIX & METABS),DISSOLVED,UG/L	05/11/88-12/05/91	3	40	
SAMO0018	No	39352	CHLORDANE(TECH MIX & METABS),DISSOLVED,UG/L	02/09/89-02/04/90	0	4	
SAMO0027	Yes	39352	CHLORDANE(TECH MIX & METABS),DISSOLVED,UG/L	02/09/89-02/16/91	2	5	
SAMO0061	Yes	39352	CHLORDANE(TECH MIX & METABS),DISSOLVED,UG/L	08/15/88-06/05/90	1	6	
SAMO0101	Yes	39352	CHLORDANE(TECH MIX & METABS),DISSOLVED,UG/L	02/09/89-02/09/89	0	1	
SAMO0002	No	39360	DDD IN WHOLE WATER SAMPLE (UG/L)	05/02/77-05/02/77	0	1	
SAMO0003	No	39360	DDD IN WHOLE WATER SAMPLE (UG/L)	10/28/74-02/03/75	0	3	
SAMO0004	No	39360	DDD IN WHOLE WATER SAMPLE (UG/L)	10/28/74-02/03/75	0	3	
SAMO0005	No	39360	DDD IN WHOLE WATER SAMPLE (UG/L)	10/28/74-02/03/75	0	3	
SAMO0006	No	39360	DDD IN WHOLE WATER SAMPLE (UG/L)	10/28/74-02/03/75	0	3	
SAMO0014	Yes	39360	DDD IN WHOLE WATER SAMPLE (UG/L)	09/17/80-03/21/84	3	31	
SAMO0028	Yes	39360	DDD IN WHOLE WATER SAMPLE (UG/L)	12/01/73-05/16/77	3	7	
SAMO0030	Yes	39360	DDD IN WHOLE WATER SAMPLE (UG/L)	02/03/75-02/03/75	0	1	
SAMO0061	Yes	39360	DDD IN WHOLE WATER SAMPLE (UG/L)	04/15/77-05/16/77	0	2	
SAMO0068	Yes	39360	DDD IN WHOLE WATER SAMPLE (UG/L)	02/03/75-02/03/75	0	1	
SAMO0094	Yes	39360	DDD IN WHOLE WATER SAMPLE (UG/L)	12/01/73-01/04/74	0	2	
SAMO0029	Yes	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/27/82-08/03/88	6	10	
SAMO0032	Yes	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/24/86-09/17/87	1	3	
SAMO0059	Yes	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/28/82-08/04/88	6	2	
SAMO0066	Yes	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/03/88-08/03/88	0	1	
SAMO0069	Yes	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/13/83-08/02/88	5	7	
SAMO0088	Yes	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/02/88-08/02/88	0	1	
SAMO0001	No	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	05/02/77-05/02/77	0	1	
SAMO0002	No	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	05/02/77-05/02/77	0	1	
SAMO0003	No	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	10/28/74-02/03/75	0	3	
SAMO0004	No	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	10/28/74-02/03/75	0	2	
SAMO0005	No	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	10/28/74-02/03/75	0	3	
SAMO0006	No	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	10/28/74-02/03/75	0	3	
SAMO0014	Yes	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	09/17/80-03/21/84	3	31	
SAMO0028	Yes	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	12/01/73-05/16/77	3	7	
SAMO0030	Yes	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	12/04/74-02/03/75	0	2	
SAMO0061	Yes	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	04/15/77-05/16/77	0	2	
SAMO0068	Yes	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	10/28/74-02/03/75	0	2	
SAMO0094	Yes	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	12/01/73-01/04/74	0	2	
SAMO0029	Yes	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/27/82-08/03/88	6	10	
SAMO0032	Yes	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/24/86-09/17/87	1	3	
SAMO0059	Yes	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/28/82-08/04/88	6	2	
SAMO0066	Yes	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/03/88-08/03/88	0	1	
SAMO0069	Yes	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/13/83-08/02/88	5	8	
SAMO0088	Yes	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/02/88-08/02/88	0	1	
SAMO0002	No	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	05/02/77-05/02/77	0	1	
SAMO0003	No	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	10/28/74-02/03/75	0	3	
SAMO0004	No	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	10/28/74-02/03/75	0	3	
SAMO0005	No	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	10/28/74-02/03/75	0	3	
SAMO0006	No	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	10/28/74-02/03/75	0	3	
SAMO0008	No	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	10/31/86-10/31/86	0	1	
SAMO0013	No	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	10/17/86-10/17/86	0	1	
SAMO0014	Yes	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	09/17/80-03/21/84	3	31	
SAMO0016	No	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	11/03/86-11/03/86	0	1	
SAMO0023	No	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	11/03/86-11/03/86	0	1	
SAMO0025	No	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	11/20/86-11/20/86	0	1	
SAMO0028	Yes	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	12/01/73-05/16/77	3	7	
SAMO0030	Yes	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	12/04/74-02/03/75	0	2	
SAMO0031	No	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	11/20/86-11/20/86	0	1	
SAMO0060	Yes	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	12/15/86-12/15/86	0	1	
SAMO0061	Yes	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	04/15/77-05/16/77	0	2	
SAMO0068	Yes	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	10/28/74-02/03/75	0	2	
SAMO0094	Yes	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	12/01/73-01/04/74	0	2	
SAMO0151	No	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	12/11/86-12/11/86	0	1	
SAMO0161	No	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	12/11/86-12/11/86	0	1	
SAMO0029	Yes	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/27/82-08/03/88	6	10	
SAMO0032	Yes	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/24/86-09/17/87	1	3	
SAMO0059	Yes	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/28/82-08/04/88	6	2	
SAMO0066	Yes	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/03/88-08/03/88	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 01/01/01 To 09/02/93**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
SAMO0069	Yes	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/13/83-08/02/88	5	8	
SAMO0088	Yes	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/02/88-08/02/88	0	1	
SAMO0002	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	05/02/77-12/12/91	14	37	
SAMO0003	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	10/28/74-02/03/75	0	3	
SAMO0004	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	12/04/74-02/03/75	0	2	
SAMO0005	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	10/28/74-02/03/75	0	3	
SAMO0006	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	10/28/74-02/03/75	0	3	
SAMO0008	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	10/31/86-10/31/86	0	1	
SAMO0013	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	10/12/86-10/12/86	0	1	
SAMO0014	Yes	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	11	74	
SAMO0016	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	11/03/86-11/03/86	0	1	
SAMO0018	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	02/09/89-02/04/90	0	4	
SAMO0023	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	11/03/86-11/03/86	0	1	
SAMO0025	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	11/20/86-11/20/86	0	1	
SAMO0027	Yes	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	02/09/89-02/04/90	0	4	
SAMO0028	Yes	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	12/01/73-05/16/77	3	7	
SAMO0030	Yes	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	02/03/75-02/03/75	0	1	
SAMO0031	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	11/20/86-11/20/86	0	1	
SAMO0060	Yes	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	12/15/86-12/15/86	0	1	
SAMO0061	Yes	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	04/15/77-06/05/90	13	8	
SAMO0068	Yes	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	02/03/75-02/03/75	0	1	
SAMO0094	Yes	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	12/01/73-01/04/74	0	2	
SAMO0101	Yes	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	02/09/89-02/09/89	0	1	
SAMO0151	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	12/11/86-12/11/86	0	1	
SAMO0161	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	12/11/86-12/11/86	0	1	
SAMO0029	Yes	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	07/27/82-08/03/88	6	10	
SAMO0032	Yes	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	07/24/86-09/17/87	1	3	
SAMO0059	Yes	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	07/28/82-08/04/88	6	2	
SAMO0066	Yes	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/03/88-08/03/88	0	1	
SAMO0069	Yes	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	07/13/83-08/02/88	5	8	
SAMO0088	Yes	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/02/88-08/02/88	0	1	
SAMO0002	No	39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	05/02/77-05/02/77	0	1	
SAMO0003	No	39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	10/28/74-02/03/75	0	3	
SAMO0006	No	39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	10/28/74-02/03/75	0	3	
SAMO0014	Yes	39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/16/87	7	34	
SAMO0028	Yes	39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	12/01/73-05/16/77	3	7	
SAMO0061	Yes	39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	04/15/77-05/16/77	0	2	
SAMO0094	Yes	39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	12/01/73-01/04/74	0	2	
SAMO0029	Yes	39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	07/27/82-08/03/88	6	10	
SAMO0032	Yes	39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	07/24/86-09/17/87	1	3	
SAMO0059	Yes	39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	07/28/82-08/04/88	6	2	
SAMO0066	Yes	39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/03/88-08/03/88	0	1	
SAMO0069	Yes	39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	07/13/83-08/02/88	5	8	
SAMO0088	Yes	39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/02/88-08/02/88	0	1	
SAMO0002	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	05/02/77-12/12/91	14	37	
SAMO0003	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	10/28/74-02/03/75	0	3	
SAMO0006	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	10/28/74-02/03/75	0	3	
SAMO0008	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	10/31/86-10/31/86	0	1	
SAMO0013	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	10/12/86-10/12/86	0	1	
SAMO0014	Yes	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	11	74	
SAMO0016	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	11/03/86-11/03/86	0	1	
SAMO0018	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	02/09/89-02/04/90	0	4	
SAMO0023	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	11/03/86-11/03/86	0	1	
SAMO0025	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	11/20/86-11/20/86	0	1	
SAMO0027	Yes	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	02/09/89-02/04/90	0	4	
SAMO0028	Yes	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	12/01/73-05/16/77	3	7	
SAMO0031	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	11/20/86-11/20/86	0	1	
SAMO0060	Yes	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	12/15/86-12/15/86	0	1	
SAMO0061	Yes	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	04/15/77-06/05/90	13	8	
SAMO0094	Yes	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	12/01/73-01/04/74	0	2	
SAMO0101	Yes	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	02/09/89-02/09/89	0	1	
SAMO0151	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	12/11/86-12/11/86	0	1	
SAMO0161	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	12/11/86-12/11/86	0	1	
SAMO0029	Yes	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/27/82-08/03/88	6	10	
SAMO0032	Yes	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/24/86-09/17/87	1	3	
SAMO0059	Yes	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/28/82-08/04/88	6	2	
SAMO0066	Yes	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/03/88-08/03/88	0	1	
SAMO0069	Yes	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/13/83-08/02/88	5	8	
SAMO0088	Yes	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/02/88-08/02/88	0	1	
SAMO0029	Yes	39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	03/02/83-08/03/88	5	8	
SAMO0032	Yes	39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	02/01/86-02/01/86	0	1	
SAMO0054	Yes	39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	02/01/86-02/01/86	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot



# Station/Parameter Period of Record Tabulation From 01/01/01 To 09/02/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
SAMO0059	Yes	39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	08/04/88-08/04/88	0	1	
SAMO0066	Yes	39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	12/17/87-08/03/88	0	2	
SAMO0069	Yes	39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	03/01/83-08/02/88	5	8	
SAMO0086	Yes	39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	03/02/83-03/02/83	0	1	
SAMO0088	Yes	39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	08/02/88-08/02/88	0	1	
SAMO0092	Yes	39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	11/25/85-12/17/87	2	2	
SAMO0105	Yes	39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	03/10/86-03/10/86	0	1	
SAMO0127	Yes	39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	02/13/86-02/13/86	0	1	
SAMO0128	Yes	39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	02/13/86-02/13/86	0	1	
SAMO0141	No	39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	03/01/83-03/01/83	0	1	
SAMO0002	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	05/02/77-12/12/91	14	33	
SAMO0003	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	10/28/74-02/03/75	0	3	
SAMO0006	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	10/28/74-02/03/75	0	3	
SAMO0014	Yes	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	05/11/88-12/05/91	3	36	
SAMO0018	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	02/09/89-02/04/90	0	4	
SAMO0027	Yes	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	02/09/89-02/04/90	0	4	
SAMO0028	Yes	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	12/01/73-05/16/77	3	7	
SAMO0061	Yes	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	04/15/77-06/05/90	13	8	
SAMO0094	Yes	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	12/01/73-01/04/74	0	2	
SAMO0101	Yes	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	02/09/89-02/09/89	0	1	
SAMO0029	Yes	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	07/27/82-08/03/88	6	10	
SAMO0032	Yes	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	07/24/86-09/17/87	1	3	
SAMO0059	Yes	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	07/28/82-08/04/88	6	2	
SAMO0066	Yes	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/03/88-08/03/88	0	1	
SAMO0069	Yes	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	07/13/83-08/02/88	5	8	
SAMO0088	Yes	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/02/88-08/02/88	0	1	
SAMO0002	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	05/02/77-12/12/91	14	37	
SAMO0003	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	10/28/74-02/03/75	0	3	
SAMO0004	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	12/04/74-12/04/74	0	1	
SAMO0006	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	10/28/74-02/03/75	0	3	
SAMO0008	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	10/31/86-10/31/86	0	1	
SAMO0013	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	10/12/86-10/12/86	0	1	
SAMO0014	Yes	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	11	74	
SAMO0016	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	11/03/86-11/03/86	0	1	
SAMO0018	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	02/09/89-02/04/90	0	4	
SAMO0023	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	11/03/86-11/03/86	0	1	
SAMO0025	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	11/20/86-11/20/86	0	1	
SAMO0027	Yes	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	02/09/89-02/04/90	0	4	
SAMO0028	Yes	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	12/01/73-05/16/77	3	7	
SAMO0031	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	11/20/86-11/20/86	0	1	
SAMO0060	Yes	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	12/15/86-12/15/86	0	1	
SAMO0061	Yes	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	04/15/77-06/05/90	13	8	
SAMO0094	Yes	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	12/01/73-01/04/74	0	2	
SAMO0101	Yes	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	02/09/89-02/09/89	0	1	
SAMO0151	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	12/11/86-12/11/86	0	1	
SAMO0161	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	12/11/86-12/11/86	0	1	
SAMO0029	Yes	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	07/27/82-08/03/88	6	10	
SAMO0032	Yes	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	07/24/86-09/17/87	1	3	
SAMO0059	Yes	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	07/28/82-08/04/88	6	2	
SAMO0066	Yes	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	08/03/88-08/03/88	0	1	
SAMO0069	Yes	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	07/13/83-08/02/88	5	8	
SAMO0088	Yes	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	08/02/88-08/02/88	0	1	
SAMO0001	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	05/02/77-05/02/77	0	1	
SAMO0002	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	05/02/77-12/12/91	14	37	
SAMO0003	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	10/28/74-02/03/75	0	3	
SAMO0004	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	12/04/74-02/03/75	0	2	
SAMO0005	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	10/28/74-02/03/75	0	2	
SAMO0006	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	10/28/74-02/03/75	0	3	
SAMO0008	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	10/31/86-10/31/86	0	1	
SAMO0013	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	10/12/86-10/12/86	0	1	
SAMO0014	Yes	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	11	74	
SAMO0016	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	11/03/86-11/03/86	0	1	
SAMO0018	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	02/09/89-02/04/90	0	4	
SAMO0023	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	11/03/86-11/03/86	0	1	
SAMO0025	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	11/20/86-11/20/86	0	1	
SAMO0027	Yes	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	02/09/89-02/04/90	0	4	
SAMO0028	Yes	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	12/01/73-05/16/77	3	7	
SAMO0030	Yes	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	10/28/74-02/03/75	0	2	
SAMO0031	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	11/20/86-11/20/86	0	1	
SAMO0060	Yes	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	12/15/86-12/15/86	0	1	
SAMO0061	Yes	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	04/15/77-06/05/90	13	8	
SAMO0068	Yes	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	10/28/74-10/28/74	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

# Station/Parameter Period of Record Tabulation From 01/01/01 To 09/02/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
SAMO0094	Yes	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	12/01/73-01/04/74	0	2	
SAMO0101	Yes	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	02/09/89-02/09/89	0	1	
SAMO0151	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	12/11/86-12/11/86	0	1	
SAMO0161	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	12/11/86-12/11/86	0	1	
SAMO0029	Yes	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	07/27/82-08/03/88	6	10	
SAMO0032	Yes	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	07/24/86-09/17/87	1	3	
SAMO0059	Yes	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	07/28/82-08/04/88	6	2	
SAMO0066	Yes	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	08/03/88-08/03/88	0	1	
SAMO0069	Yes	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	07/13/83-08/02/88	5	8	
SAMO0088	Yes	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	08/02/88-08/02/88	0	1	
SAMO0029	Yes	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	07/27/82-09/17/87	5	9	
SAMO0032	Yes	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	07/24/86-09/17/87	1	3	
SAMO0059	Yes	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	07/28/82-08/04/88	6	2	
SAMO0066	Yes	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	08/03/88-08/03/88	0	1	
SAMO0069	Yes	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	07/13/83-09/17/87	4	7	
SAMO0088	Yes	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	08/02/88-08/02/88	0	1	
SAMO0002	No	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	05/18/88-12/12/91	3	36	
SAMO0008	No	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	10/12/86-10/12/86	0	1	
SAMO0014	Yes	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	05/11/88-12/05/91	3	40	
SAMO0016	No	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	11/03/86-11/03/86	0	1	
SAMO0018	No	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	02/09/89-02/04/90	0	4	
SAMO0023	No	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	11/03/86-11/03/86	0	1	
SAMO0025	No	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	11/20/86-11/20/86	0	1	
SAMO0027	Yes	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	02/09/89-02/04/90	0	4	
SAMO0031	No	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	11/20/86-11/20/86	0	1	
SAMO0060	Yes	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	12/15/86-12/15/86	0	1	
SAMO0061	Yes	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	08/15/88-06/05/90	1	6	
SAMO0101	Yes	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	02/09/89-02/09/89	0	1	
SAMO0151	No	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	12/11/86-12/11/86	0	1	
SAMO0002	No	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	05/18/88-12/12/91	3	36	
SAMO0008	No	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	10/12/86-10/12/86	0	1	
SAMO0014	Yes	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	05/11/88-12/05/91	3	40	
SAMO0016	No	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	11/03/86-11/03/86	0	1	
SAMO0018	No	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	02/09/89-02/04/90	0	4	
SAMO0023	No	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	11/03/86-11/03/86	0	1	
SAMO0025	No	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	11/20/86-11/20/86	0	1	
SAMO0027	Yes	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	02/09/89-02/04/90	0	4	
SAMO0031	No	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	11/20/86-11/20/86	0	1	
SAMO0060	Yes	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	12/15/86-12/15/86	0	1	
SAMO0061	Yes	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	08/15/88-06/05/90	1	6	
SAMO0101	Yes	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	02/09/89-02/09/89	0	1	
SAMO0151	No	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	12/11/86-12/11/86	0	1	
SAMO0002	No	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	05/02/77-12/12/91	14	37	
SAMO0003	No	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	10/28/74-02/03/75	0	3	
SAMO0006	No	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	10/28/74-02/03/75	0	3	
SAMO0008	No	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	10/12/86-10/12/86	0	1	
SAMO0014	Yes	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	10/22/87-12/05/91	4	42	
SAMO0016	No	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	11/03/86-11/03/86	0	1	
SAMO0018	No	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	02/09/89-02/04/90	0	4	
SAMO0023	No	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	11/03/86-11/03/86	0	1	
SAMO0025	No	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	11/20/86-11/20/86	0	1	
SAMO0027	Yes	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	02/09/89-02/04/90	0	4	
SAMO0028	Yes	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	12/01/73-05/16/77	3	7	
SAMO0031	No	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	11/20/86-11/20/86	0	1	
SAMO0060	Yes	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	12/15/86-12/15/86	0	1	
SAMO0061	Yes	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	04/15/77-06/05/90	13	8	
SAMO0094	Yes	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	12/01/73-01/04/74	0	2	
SAMO0101	Yes	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	02/09/89-02/09/89	0	1	
SAMO0151	No	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	12/11/86-12/11/86	0	1	
SAMO0002	No	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	05/18/88-12/12/91	3	36	
SAMO0008	No	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	10/12/86-10/12/86	0	1	
SAMO0014	Yes	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	05/11/88-12/05/91	3	40	
SAMO0016	No	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	11/03/86-11/03/86	0	1	
SAMO0018	No	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	02/09/89-02/04/90	0	4	
SAMO0023	No	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	11/03/86-11/03/86	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

# **Station/Parameter Period of Record Tabulation** **From 01/01/01 To 09/02/93**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
SAMO0025	No	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	11/20/86-11/20/86	0	1	
SAMO0027	Yes	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	02/09/89-02/04/90	0	4	
SAMO0031	No	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	11/20/86-11/20/86	0	1	
SAMO0060	Yes	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	12/15/86-12/15/86	0	1	
SAMO0061	Yes	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	08/15/88-06/05/90	1	6	
SAMO0101	Yes	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	02/09/89-02/09/89	0	1	
SAMO0151	No	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	12/11/86-12/11/86	0	1	
SAMO0002	No	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	05/02/77-12/12/91	14	37	
SAMO0003	No	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	10/28/74-02/03/75	0	3	
SAMO0006	No	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	10/28/74-02/03/75	0	3	
SAMO0008	No	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	10/12/86-10/12/86	0	1	
SAMO0014	Yes	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	10/22/87-12/05/91	4	42	
SAMO0016	No	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	11/03/86-11/03/86	0	1	
SAMO0018	No	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	02/09/89-02/04/90	0	4	
SAMO0023	No	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	11/03/86-11/03/86	0	1	
SAMO0025	No	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	11/20/86-11/20/86	0	1	
SAMO0027	Yes	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	02/09/89-02/04/90	0	4	
SAMO0028	Yes	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	12/01/73-05/16/77	3	7	
SAMO0031	No	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	11/20/86-11/20/86	0	1	
SAMO0060	Yes	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	12/15/86-12/15/86	0	1	
SAMO0061	Yes	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	04/15/77-06/05/90	13	8	
SAMO0094	Yes	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	12/01/73-01/04/74	0	2	
SAMO0101	Yes	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	02/09/89-02/09/89	0	1	
SAMO0151	No	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	12/11/86-12/11/86	0	1	
SAMO0002	No	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	05/18/88-12/12/91	3	36	
SAMO0008	No	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	10/12/86-10/12/86	0	1	
SAMO0014	Yes	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	05/11/88-12/05/91	3	40	
SAMO0016	No	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	11/03/86-11/03/86	0	1	
SAMO0018	No	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	02/09/89-02/04/90	0	4	
SAMO0023	No	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	11/03/86-11/03/86	0	1	
SAMO0025	No	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	11/20/86-11/20/86	0	1	
SAMO0027	Yes	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	02/09/89-02/04/90	0	4	
SAMO0031	No	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	11/20/86-11/20/86	0	1	
SAMO0060	Yes	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	12/15/86-12/15/86	0	1	
SAMO0061	Yes	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	08/15/88-06/05/90	1	6	
SAMO0101	Yes	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	02/09/89-02/09/89	0	1	
SAMO0151	No	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	12/11/86-12/11/86	0	1	
SAMO0029	Yes	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	07/27/82-08/03/88	6	10	
SAMO0032	Yes	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	07/24/86-09/17/87	1	3	
SAMO0059	Yes	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	07/28/82-08/04/88	6	2	
SAMO0066	Yes	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/03/88-08/03/88	0	1	
SAMO0069	Yes	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	07/13/83-08/02/88	5	8	
SAMO0088	Yes	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/02/88-08/02/88	0	1	
SAMO0029	Yes	39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	03/02/83-08/03/88	5	8	
SAMO0032	Yes	39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	02/01/86-02/01/86	0	1	
SAMO0054	Yes	39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	02/01/86-02/01/86	0	1	
SAMO0059	Yes	39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	08/04/88-08/04/88	0	1	
SAMO0066	Yes	39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	12/17/87-08/03/88	0	2	
SAMO0069	Yes	39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	03/01/83-08/02/88	5	7	
SAMO0086	Yes	39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	03/02/83-03/02/83	0	1	
SAMO0088	Yes	39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	08/02/88-08/02/88	0	1	
SAMO0092	Yes	39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	11/25/85-12/17/87	2	2	
SAMO0105	Yes	39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	03/10/86-03/10/86	0	1	
SAMO0127	Yes	39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	02/13/86-02/13/86	0	1	
SAMO0128	Yes	39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	02/13/86-02/13/86	0	1	
SAMO0141	No	39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	03/01/83-03/01/83	0	1	
SAMO0029	Yes	39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	03/02/83-08/03/88	5	8	
SAMO0032	Yes	39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	02/01/86-02/01/86	0	1	
SAMO0054	Yes	39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	02/01/86-02/01/86	0	1	
SAMO0059	Yes	39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	08/04/88-08/04/88	0	1	
SAMO0066	Yes	39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	12/17/87-08/03/88	0	2	
SAMO0069	Yes	39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	03/01/83-08/02/88	5	7	
SAMO0086	Yes	39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	03/02/83-03/02/83	0	1	
SAMO0088	Yes	39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	08/02/88-08/02/88	0	1	
SAMO0092	Yes	39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	11/25/85-12/17/87	2	2	
SAMO0105	Yes	39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	03/10/86-03/10/86	0	1	
SAMO0127	Yes	39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	02/13/86-02/13/86	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 01/01/01 To 09/02/93**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
SAMO0128	Yes	39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	02/13/86-02/13/86	0	1	
SAMO0141	No	39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	03/01/83-03/01/83	0	1	
SAMO0029	Yes	39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	03/02/83-08/03/88	5	8	
SAMO0032	Yes	39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	02/01/86-02/01/86	0	1	
SAMO0054	Yes	39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	02/01/86-02/01/86	0	1	
SAMO0059	Yes	39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	08/04/88-08/04/88	0	1	
SAMO0066	Yes	39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	12/17/87-08/03/88	0	2	
SAMO0069	Yes	39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	03/01/83-08/02/88	5	7	
SAMO0086	Yes	39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	03/02/83-03/02/83	0	1	
SAMO0088	Yes	39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	08/02/88-08/02/88	0	1	
SAMO0092	Yes	39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	11/25/85-12/17/87	2	2	
SAMO0105	Yes	39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	03/10/86-03/10/86	0	1	
SAMO0127	Yes	39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	02/13/86-02/13/86	0	1	
SAMO0128	Yes	39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	02/13/86-02/13/86	0	1	
SAMO0141	No	39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	03/01/83-03/01/83	0	1	
SAMO0029	Yes	39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	03/02/83-08/03/88	5	8	
SAMO0032	Yes	39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	02/01/86-02/01/86	0	1	
SAMO0054	Yes	39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	02/01/86-02/01/86	0	1	
SAMO0059	Yes	39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	08/04/88-08/04/88	0	1	
SAMO0066	Yes	39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	12/17/87-08/03/88	0	2	
SAMO0069	Yes	39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	03/01/83-08/02/88	5	7	
SAMO0086	Yes	39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	03/02/83-03/02/83	0	1	
SAMO0088	Yes	39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	08/02/88-08/02/88	0	1	
SAMO0092	Yes	39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	11/25/85-12/17/87	2	2	
SAMO0105	Yes	39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	03/10/86-03/10/86	0	1	
SAMO0127	Yes	39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	02/13/86-02/13/86	0	1	
SAMO0128	Yes	39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	02/13/86-02/13/86	0	1	
SAMO0141	No	39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	03/01/83-03/01/83	0	1	
SAMO0029	Yes	39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	01/02/82-08/03/88	6	11	
SAMO0032	Yes	39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	02/01/86-02/01/86	0	1	
SAMO0054	Yes	39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	02/01/86-02/01/86	0	1	
SAMO0059	Yes	39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	01/01/82-08/04/88	6	4	
SAMO0066	Yes	39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	08/03/88-08/03/88	0	1	
SAMO0069	Yes	39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	01/02/82-08/02/88	6	11	
SAMO0084	Yes	39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	01/02/82-03/18/82	0	2	
SAMO0086	Yes	39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	03/02/83-03/02/83	0	1	
SAMO0088	Yes	39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	08/02/88-08/02/88	0	1	
SAMO0092	Yes	39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	11/25/85-12/17/87	2	2	
SAMO0105	Yes	39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	03/10/86-03/10/86	0	1	
SAMO0127	Yes	39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	02/13/86-02/13/86	0	1	
SAMO0128	Yes	39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	02/13/86-02/13/86	0	1	
SAMO0131	Yes	39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	03/17/82-03/17/82	0	1	
SAMO0138	No	39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	03/17/82-03/17/82	0	1	
SAMO0141	No	39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	03/01/83-03/01/83	0	1	
SAMO0008	No	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	10/31/86-10/31/86	0	1	
SAMO0013	No	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	10/12/86-10/12/86	0	1	
SAMO0016	No	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	11/03/86-11/03/86	0	1	
SAMO0023	No	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	11/03/86-11/03/86	0	1	
SAMO0025	No	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	11/20/86-11/20/86	0	1	
SAMO0031	No	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	11/20/86-11/20/86	0	1	
SAMO0060	Yes	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	12/15/86-12/15/86	0	1	
SAMO0151	No	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	12/11/86-12/11/86	0	1	
SAMO0161	No	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	12/11/86-12/11/86	0	1	
SAMO0060	Yes	39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	12/15/86-12/15/86	0	1	
SAMO0161	No	39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	12/11/86-12/11/86	0	1	
SAMO0029	Yes	39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	07/27/82-08/03/88	6	10	
SAMO0032	Yes	39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	07/24/86-09/17/87	1	3	
SAMO0059	Yes	39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	07/28/82-08/04/88	6	2	
SAMO0066	Yes	39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	08/03/88-08/03/88	0	1	
SAMO0069	Yes	39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	07/13/83-08/02/88	5	8	
SAMO0088	Yes	39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	08/02/88-08/02/88	0	1	
SAMO0002	No	39780	DICOFOL IN WHOLE WATER SAMPLE (UG/L)	05/02/77-05/02/77	0	1	
SAMO0003	No	39780	DICOFOL IN WHOLE WATER SAMPLE (UG/L)	10/28/74-02/03/75	0	3	
SAMO0006	No	39780	DICOFOL IN WHOLE WATER SAMPLE (UG/L)	10/28/74-02/03/75	0	3	
SAMO0028	Yes	39780	DICOFOL IN WHOLE WATER SAMPLE (UG/L)	12/01/73-05/16/77	3	7	
SAMO0061	Yes	39780	DICOFOL IN WHOLE WATER SAMPLE (UG/L)	04/15/77-05/16/77	0	2	
SAMO0094	Yes	39780	DICOFOL IN WHOLE WATER SAMPLE (UG/L)	12/01/73-01/04/74	0	2	
SAMO0002	No	39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	05/02/77-12/12/91	14	37	
SAMO0003	No	39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	10/28/74-02/03/75	0	3	
SAMO0004	No	39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	12/04/74-02/03/75	0	2	
SAMO0005	No	39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	10/28/74-02/03/75	0	3	
SAMO0006	No	39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	10/28/74-02/03/75	0	3	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

# **Station/Parameter Period of Record Tabulation** **From 01/01/01 To 09/02/93**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
SAMO0014	Yes	39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	11	74	
SAMO0018	No	39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	02/09/89-02/04/90	0	4	
SAMO0027	Yes	39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	02/09/89-02/16/91	2	5	
SAMO0028	Yes	39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	12/01/73-05/16/77	3	7	
SAMO0030	Yes	39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	10/28/74-02/03/75	0	3	
SAMO0061	Yes	39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	04/15/77-06/05/90	13	8	
SAMO0062	Yes	39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	05/16/77-05/16/77	0	1	
SAMO0068	Yes	39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	12/04/74-02/03/75	0	2	
SAMO0094	Yes	39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	12/01/73-01/04/74	0	2	
SAMO0101	Yes	39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	02/09/89-02/09/89	0	1	
SAMO0029	Yes	39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	03/02/83-08/03/88	5	8	
SAMO0032	Yes	39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	02/01/86-02/01/86	0	1	
SAMO0054	Yes	39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	02/01/86-02/01/86	0	1	
SAMO0059	Yes	39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	08/04/88-08/04/88	0	1	
SAMO0066	Yes	39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	12/17/87-08/03/88	0	2	
SAMO0069	Yes	39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	03/01/83-08/02/88	5	8	
SAMO0086	Yes	39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	03/02/83-03/02/83	0	1	
SAMO0088	Yes	39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	08/02/88-08/02/88	0	1	
SAMO0092	Yes	39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	11/25/85-12/17/87	2	2	
SAMO0105	Yes	39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	03/10/86-03/10/86	0	1	
SAMO0127	Yes	39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	02/13/86-02/13/86	0	1	
SAMO0128	Yes	39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	02/13/86-02/13/86	0	1	
SAMO0141	No	39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	03/01/83-03/01/83	0	1	
SAMO0029	Yes	39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	03/02/83-08/03/88	5	8	
SAMO0032	Yes	39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	02/01/86-02/01/86	0	1	
SAMO0054	Yes	39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	02/01/86-02/01/86	0	1	
SAMO0059	Yes	39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	08/04/88-08/04/88	0	1	
SAMO0066	Yes	39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	12/17/87-08/03/88	0	2	
SAMO0069	Yes	39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	03/01/83-08/02/88	5	8	
SAMO0086	Yes	39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	03/02/83-03/02/83	0	1	
SAMO0088	Yes	39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	08/02/88-08/02/88	0	1	
SAMO0092	Yes	39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	11/25/85-12/17/87	2	2	
SAMO0105	Yes	39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	03/10/86-03/10/86	0	1	
SAMO0127	Yes	39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	02/13/86-02/13/86	0	1	
SAMO0128	Yes	39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	02/13/86-02/13/86	0	1	
SAMO0141	No	39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	03/01/83-03/01/83	0	1	
SAMO0002	No	45501	HYDROCARBON IN WATER, FREON EXT, CHROMAT, IR MG/L	05/18/88-05/16/91	2	35	
SAMO0014	Yes	45501	HYDROCARBON IN WATER, FREON EXT, CHROMAT, IR MG/L	05/11/88-05/02/91	2	38	
SAMO0018	No	45501	HYDROCARBON IN WATER, FREON EXT, CHROMAT, IR MG/L	05/11/88-05/02/91	2	38	
SAMO0027	Yes	45501	HYDROCARBON IN WATER, FREON EXT, CHROMAT, IR MG/L	05/11/88-05/02/91	2	37	
SAMO0061	Yes	45501	HYDROCARBON IN WATER, FREON EXT, CHROMAT, IR MG/L	05/11/88-05/02/91	2	33	
SAMO0101	Yes	45501	HYDROCARBON IN WATER, FREON EXT, CHROMAT, IR MG/L	06/16/88-02/09/89	0	2	
SAMO0002	No	46323	DELTA-BHC IN WHOLE WATER SMAPLE (UG/L)	05/18/88-12/12/91	3	36	
SAMO0014	Yes	46323	DELTA-BHC IN WHOLE WATER SMAPLE (UG/L)	05/11/88-12/05/91	3	40	
SAMO0018	No	46323	DELTA-BHC IN WHOLE WATER SMAPLE (UG/L)	02/09/89-02/04/90	0	4	
SAMO0027	Yes	46323	DELTA-BHC IN WHOLE WATER SMAPLE (UG/L)	02/09/89-02/16/91	2	5	
SAMO0061	Yes	46323	DELTA-BHC IN WHOLE WATER SMAPLE (UG/L)	08/15/88-06/05/90	1	6	
SAMO0101	Yes	46323	DELTA-BHC IN WHOLE WATER SMAPLE (UG/L)	02/09/89-02/09/89	0	1	
SAMO0014	Yes	70295	RESIDUE,TOTAL FILTRABLE (DRIED AT ANY TEMP),MG/L	12/27/77-03/27/79	1	11	
SAMO0018	No	70295	RESIDUE,TOTAL FILTRABLE (DRIED AT ANY TEMP),MG/L	12/27/77-03/27/79	1	11	
SAMO0028	Yes	70295	RESIDUE,TOTAL FILTRABLE (DRIED AT ANY TEMP),MG/L	12/27/77-03/27/79	1	10	
SAMO0061	Yes	70295	RESIDUE,TOTAL FILTRABLE (DRIED AT ANY TEMP),MG/L	12/27/77-03/27/79	1	10	
SAMO0015	Yes	70299	SOLIDS, SUSP. - RESIDUE ON EVAP. AT 180 C (MG/L)	01/06/77-01/06/77	0	1	
SAMO0079	No	70299	SOLIDS, SUSP. - RESIDUE ON EVAP. AT 180 C (MG/L)	11/29/70-11/29/70	0	1	
SAMO0110	No	70299	SOLIDS, SUSP. - RESIDUE ON EVAP. AT 180 C (MG/L)	11/29/70-11/29/70	0	1	
SAMO0112	No	70299	SOLIDS, SUSP. - RESIDUE ON EVAP. AT 180 C (MG/L)	11/29/70-11/29/70	0	1	
SAMO0136	No	70299	SOLIDS, SUSP. - RESIDUE ON EVAP. AT 180 C (MG/L)	11/29/70-11/29/70	0	1	
SAMO0143	No	70299	SOLIDS, SUSP. - RESIDUE ON EVAP. AT 180 C (MG/L)	11/29/70-11/29/70	0	1	
SAMO0156	No	70299	SOLIDS, SUSP. - RESIDUE ON EVAP. AT 180 C (MG/L)	11/29/70-11/29/70	0	1	
SAMO0001	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/02/65-08/07/78	13	16	
SAMO0002	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/02/77-05/16/91	14	136	
SAMO0014	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/21/77-05/02/91	13	114	
SAMO0015	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/21/77-10/17/77	0	3	
SAMO0018	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/19/78-05/02/91	12	109	
SAMO0027	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/11/88-05/02/91	2	39	
SAMO0028	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/15/77-03/21/84	6	83	
SAMO0029	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/02/82-08/03/88	6	15	
SAMO0030	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/15/77-09/20/78	1	16	
SAMO0032	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/01/82-08/03/88	6	13	
SAMO0054	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/18/82-02/01/86	3	7	
SAMO0055	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/16/72-09/17/73	0	12	
SAMO0056	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/23/64-03/23/64	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 01/01/01 To 09/02/93**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
SAMO0059	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/01/82-08/04/88	6	4	
SAMO0061	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/15/77-05/02/91	14	116	
SAMO0062	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/15/77-05/17/88	11	17	
SAMO0063	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/16/52-12/02/52	0	2	
SAMO0064	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/27/56-04/02/65	9	4	
SAMO0066	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/17/87-08/03/88	0	2	
SAMO0067	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/27/56-04/02/65	9	4	
SAMO0069	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/02/82-08/02/88	6	15	
SAMO0073	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/04/88-08/04/88	0	1	
SAMO0075	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/16/52-01/07/53	0	2	
SAMO0076	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/07/52-12/02/52	0	3	
SAMO0079	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/19/62-11/29/70	8	2	
SAMO0080	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/09/62-04/02/65	3	3	
SAMO0083	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/05/88-08/05/88	0	1	
SAMO0084	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/02/82-07/14/83	1	4	
SAMO0086	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/10/82-02/17/86	3	4	
SAMO0087	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/01/82-08/29/84	2	9	
SAMO0088	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/18/82-08/02/88	6	5	
SAMO0091	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/05/88-08/05/88	0	1	
SAMO0092	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/25/85-12/17/87	2	3	
SAMO0097	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/07/52-01/31/67	14	16	
SAMO0098	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/02/93-09/02/93	0	1	
SAMO0100	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/23/64-03/23/64	0	1	
SAMO0101	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/11/88-02/09/89	0	4	
SAMO0102	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/23/90-09/05/90	0	2	
SAMO0103	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/23/90-08/31/93	3	3	
SAMO0105	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/12/83-03/10/86	2	2	
SAMO0107	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/05/88-08/05/88	0	1	
SAMO0110	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/27/56-11/29/70	14	3	
SAMO0111	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/12/79-04/12/79	0	1	
SAMO0112	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/13/57-04/12/79	22	4	
SAMO0114	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/19/52-02/27/53	0	6	
SAMO0116	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/27/56-01/27/56	0	1	
SAMO0117	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/26/78-09/26/78	0	1	
SAMO0119	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/09/62-02/19/62	0	2	
SAMO0120	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/23/90-09/01/93	3	3	
SAMO0122	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/27/56-04/02/65	9	3	
SAMO0123	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/06/52-06/06/52	0	1	
SAMO0124	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/10/90-07/10/90	0	1	
SAMO0125	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/25/74-02/25/74	0	1	
SAMO0126	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/19/62-02/19/62	0	1	
SAMO0127	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/10/86-03/10/86	0	1	
SAMO0128	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/13/86-02/13/86	0	1	
SAMO0131	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/17/82-02/13/86	3	2	
SAMO0132	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/27/56-02/25/74	18	3	
SAMO0133	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/29/78-06/29/78	0	1	
SAMO0134	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/27/77-02/28/78	0	5	
SAMO0135	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/10/90-07/10/90	0	1	
SAMO0136	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/06/52-11/29/70	18	9	
SAMO0137	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/09/62-02/09/62	0	1	
SAMO0138	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/17/82-02/13/86	3	4	
SAMO0140	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/22/58-04/22/58	0	1	
SAMO0141	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/01/83-03/10/86	3	3	
SAMO0142	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/10/86-03/10/86	0	1	
SAMO0143	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/15/52-11/29/70	18	8	
SAMO0144	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/09/62-02/09/62	0	1	
SAMO0147	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/07/52-04/08/58	6	5	
SAMO0149	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/27/56-01/27/56	0	1	
SAMO0150	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/27/56-02/14/61	5	2	
SAMO0152	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/26/56-11/20/63	7	5	
SAMO0154	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/16/62-02/16/62	0	1	
SAMO0156	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/27/56-11/29/70	14	4	
SAMO0164	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/14/61-02/14/61	0	1	
SAMO0168	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/03/61-03/03/61	0	1	
SAMO0169	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/14/61-02/14/61	0	1	
SAMO0171	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/03/61-03/03/61	0	1	
SAMO0172	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/03/61-03/03/61	0	1	
SAMO0173	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/06/52-02/14/61	8	3	
SAMO0176	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/03/61-03/03/61	0	1	
SAMO0177	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/14/61-02/14/61	0	1	
SAMO0178	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/03/61-03/03/61	0	1	
SAMO0179	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/03/61-03/03/61	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

# Station/Parameter Period of Record Tabulation From 01/01/01 To 09/02/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
SAMO0180	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/12/61-09/12/61	0	1	
SAMO0182	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/06/52-06/06/52	0	1	
SAMO0183	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/10/79-07/23/82	2	3	
SAMO0001	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/05/67-09/03/76	9	66	
SAMO0002	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/05/67-07/06/79	12	111	
SAMO0003	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	01/04/74-02/03/75	1	4	
SAMO0006	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	01/04/74-02/03/75	1	4	
SAMO0014	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/18/74-02/16/77	2	16	
SAMO0015	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	01/19/76-07/21/76	0	5	
SAMO0018	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	11/17/78-04/17/79	0	2	
SAMO0028	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/04/71-04/17/79	7	76	
SAMO0029	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	01/02/82-03/02/83	1	4	
SAMO0030	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/05/72-09/05/72	0	1	
SAMO0032	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	01/01/82-02/01/86	4	5	
SAMO0054	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	03/18/82-02/01/86	3	3	
SAMO0055	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/22/68-09/16/69	0	12	
SAMO0059	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	01/01/82-07/28/82	0	3	
SAMO0061	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/04/71-10/17/77	6	64	
SAMO0062	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/05/72-09/17/76	4	8	
SAMO0069	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	01/02/82-02/01/86	4	5	
SAMO0084	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	01/02/82-07/27/82	0	3	
SAMO0086	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	11/10/82-03/02/83	0	2	
SAMO0087	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	01/01/82-03/01/83	1	4	
SAMO0088	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	03/18/82-03/18/82	0	1	
SAMO0092	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	11/25/85-11/25/85	0	1	
SAMO0094	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	12/01/73-01/04/74	0	2	
SAMO0105	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	03/10/86-03/10/86	0	1	
SAMO0127	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	03/10/86-03/10/86	0	1	
SAMO0131	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	03/17/82-02/13/86	3	2	
SAMO0138	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	03/17/82-02/13/86	3	3	
SAMO0141	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	03/01/83-03/10/86	3	2	
SAMO0029	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	01/02/82-07/27/82	0	2	
SAMO0032	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	01/01/82-07/28/82	0	2	
SAMO0054	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	07/27/82-07/27/82	0	1	
SAMO0055	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	10/22/68-09/17/73	4	24	
SAMO0069	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	01/02/82-01/02/82	0	1	
SAMO0087	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	01/01/82-07/27/82	0	2	
SAMO0029	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/02/82-03/02/83	1	4	
SAMO0032	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/01/82-03/02/83	1	4	
SAMO0054	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/18/82-07/27/82	0	2	
SAMO0055	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/22/68-09/17/73	4	24	
SAMO0059	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/01/82-07/28/82	0	3	
SAMO0069	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/02/82-03/01/83	1	4	
SAMO0084	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/02/82-07/27/82	0	3	
SAMO0087	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/01/82-03/01/83	1	4	
SAMO0088	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/18/82-03/18/82	0	1	
SAMO0131	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/17/82-03/17/82	0	1	
SAMO0138	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/17/82-03/01/83	0	2	
SAMO0141	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/01/83-03/01/83	0	1	
SAMO0008	No	70304	SOLIDS, TOTAL DISSOLVED-COND. METER (MG/L)	10/31/86-10/31/86	0	1	
SAMO0013	No	70304	SOLIDS, TOTAL DISSOLVED-COND. METER (MG/L)	10/17/86-10/17/86	0	1	
SAMO0016	No	70304	SOLIDS, TOTAL DISSOLVED-COND. METER (MG/L)	11/03/86-11/03/86	0	1	
SAMO0023	No	70304	SOLIDS, TOTAL DISSOLVED-COND. METER (MG/L)	11/03/86-11/03/86	0	1	
SAMO0025	No	70304	SOLIDS, TOTAL DISSOLVED-COND. METER (MG/L)	11/20/86-11/20/86	0	1	
SAMO0031	No	70304	SOLIDS, TOTAL DISSOLVED-COND. METER (MG/L)	11/20/86-11/20/86	0	1	
SAMO0060	Yes	70304	SOLIDS, TOTAL DISSOLVED-COND. METER (MG/L)	12/15/86-12/15/86	0	1	
SAMO0151	No	70304	SOLIDS, TOTAL DISSOLVED-COND. METER (MG/L)	12/11/86-12/11/86	0	1	
SAMO0161	No	70304	SOLIDS, TOTAL DISSOLVED-COND. METER (MG/L)	12/11/86-12/11/86	0	1	
SAMO0060	Yes	70311	PH, CACO3 STABILITY (STANDARD UNITS)	12/15/86-12/15/86	0	1	
SAMO0151	No	70311	PH, CACO3 STABILITY (STANDARD UNITS)	12/11/86-12/11/86	0	1	
SAMO0161	No	70311	PH, CACO3 STABILITY (STANDARD UNITS)	12/11/86-12/11/86	0	1	
SAMO0095	No	70326	SUS SED FALL DIA(NATIVEWATER)% FINER THAN .002MM	12/28/74-12/28/74	0	1	
SAMO0095	No	70327	SUS SED FALL DIA(NATIVEWATER)% FINER THAN .004MM	12/28/74-12/28/74	0	1	
SAMO0095	No	70328	SUS SED FALL DIA(NATIVEWATER)% FINER THAN .008MM	12/28/74-12/28/74	0	1	
SAMO0095	No	70329	SUS SED FALL DIA(NATIVEWATER)% FINER THAN .016MM	12/28/74-12/28/74	0	1	
SAMO0095	No	70330	SUS SED FALL DIA(NATIVEWATER)% FINER THAN .031MM	12/28/74-12/28/74	0	1	
SAMO0066	Yes	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	12/17/87-12/17/87	0	1	
SAMO0092	Yes	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	12/17/87-12/17/87	0	1	
SAMO0095	No	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	01/20/69-03/21/78	9	16	
SAMO0146	No	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	01/25/69-03/04/78	9	29	
SAMO0095	No	70332	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .125MM	01/20/69-03/21/78	9	13	
SAMO0146	No	70332	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .125MM	01/25/69-03/04/78	9	23	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot



# Station/Parameter Period of Record Tabulation From 01/01/01 To 09/02/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
SAMO0095	No	70333	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .250MM	01/20/69-03/21/78	9	12	
SAMO0146	No	70333	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .250MM	01/25/69-03/04/78	9	14	
SAMO0095	No	70334	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .500MM	01/20/69-01/16/78	8	9	
SAMO0146	No	70334	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .500MM	01/25/69-03/04/78	9	12	
SAMO0095	No	70335	SUSPENDED SED SIEVE DIAMETER,% FINER THAN 1.00MM	01/20/69-01/16/78	8	5	
SAMO0146	No	70335	SUSPENDED SED SIEVE DIAMETER,% FINER THAN 1.00MM	12/27/71-03/04/78	6	6	
SAMO0095	No	70336	SUSPENDED SED SIEVE DIAMETER,% FINER THAN 2.00MM	01/20/69-01/16/78	8	2	
SAMO0146	No	70336	SUSPENDED SED SIEVE DIAMETER,% FINER THAN 2.00MM	12/26/77-03/02/78	0	2	
SAMO0095	No	70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	01/20/69-05/09/77	8	29	
SAMO0146	No	70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	01/20/69-01/16/78	8	49	
SAMO0095	No	70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	01/20/69-03/02/78	9	34	
SAMO0146	No	70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	01/20/69-03/22/78	9	54	
SAMO0095	No	70339	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .008MM	01/20/69-03/02/78	9	34	
SAMO0146	No	70339	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .008MM	01/20/69-03/22/78	9	54	
SAMO0095	No	70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	01/20/69-03/02/78	9	34	
SAMO0146	No	70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	01/20/69-03/22/78	9	54	
SAMO0095	No	70341	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .031MM	01/20/69-03/02/78	9	34	
SAMO0146	No	70341	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .031MM	01/20/69-03/22/78	9	54	
SAMO0095	No	70342	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .062MM	01/24/69-03/02/78	9	19	
SAMO0146	No	70342	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .062MM	01/20/69-03/22/78	9	33	
SAMO0095	No	70343	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .125MM	01/24/69-03/02/78	9	19	
SAMO0146	No	70343	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .125MM	01/20/69-03/22/78	9	33	
SAMO0095	No	70344	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .250MM	01/24/69-03/02/78	9	19	
SAMO0146	No	70344	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .250MM	01/20/69-03/22/78	9	31	
SAMO0095	No	70345	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .500MM	02/28/70-03/02/78	8	13	
SAMO0146	No	70345	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .500MM	01/20/69-03/22/78	9	18	
SAMO0095	No	70346	SUS SED FALL DIA(DISTLD WATER)%FINER THAN 1.00MM	12/18/70-02/09/78	7	5	
SAMO0146	No	70346	SUS SED FALL DIA(DISTLD WATER)%FINER THAN 1.00MM	01/20/69-09/29/76	7	6	
SAMO0001	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/07/74-08/07/78	4	47	
SAMO0002	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	11/06/68-05/16/91	22	203	T,A,S
SAMO0014	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/18/74-05/02/91	16	134	
SAMO0015	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/18/74-07/21/78	4	22	
SAMO0018	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/10/78-05/02/91	13	113	
SAMO0027	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/11/88-05/02/91	2	37	
SAMO0028	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/04/71-03/21/84	12	155	A
SAMO0030	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/07/74-09/20/78	4	54	
SAMO0061	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/04/71-05/02/91	19	183	T,A
SAMO0062	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/07/74-09/20/78	4	51	
SAMO0101	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/11/88-02/09/89	0	3	
SAMO0057	No	70977	INSTRUMENT RATIO, LAB/FIELD CONCENTRATIONS, NUMBER	05/18/88-05/18/88	0	2	
SAMO0008	No	71830	HYDROXIDE ION (MG/L AS OH)	10/31/86-10/31/86	0	1	
SAMO0013	No	71830	HYDROXIDE ION (MG/L AS OH)	10/17/86-10/17/86	0	1	
SAMO0016	No	71830	HYDROXIDE ION (MG/L AS OH)	11/03/86-11/03/86	0	1	
SAMO0023	No	71830	HYDROXIDE ION (MG/L AS OH)	11/03/86-11/03/86	0	1	
SAMO0025	No	71830	HYDROXIDE ION (MG/L AS OH)	11/20/86-11/20/86	0	1	
SAMO0031	No	71830	HYDROXIDE ION (MG/L AS OH)	11/20/86-11/20/86	0	1	
SAMO0060	Yes	71830	HYDROXIDE ION (MG/L AS OH)	12/15/86-12/15/86	0	1	
SAMO0151	No	71830	HYDROXIDE ION (MG/L AS OH)	12/11/86-12/11/86	0	1	
SAMO0161	No	71830	HYDROXIDE ION (MG/L AS OH)	12/11/86-12/11/86	0	1	
SAMO0055	No	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	10/19/71-09/19/74	2	21	
SAMO0086	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	11/10/82-11/10/82	0	1	
SAMO0002	No	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	07/05/67-01/24/91	23	164	T,A,S
SAMO0003	No	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	01/04/74-02/03/75	1	4	
SAMO0006	No	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	01/04/74-02/03/75	1	4	
SAMO0014	Yes	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	07/18/74-12/05/90	16	69	
SAMO0018	No	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	12/27/77-12/05/90	12	53	
SAMO0027	Yes	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	11/10/88-12/05/90	2	28	
SAMO0028	Yes	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	08/04/71-03/06/80	8	114	
SAMO0061	Yes	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	08/04/71-12/05/90	19	123	T
SAMO0094	Yes	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	12/01/73-01/04/74	0	2	
SAMO0101	Yes	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	02/09/89-02/09/89	0	1	
SAMO0001	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/22/51-08/07/78	26	129	T,S
SAMO0004	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/28/74-02/03/75	0	3	
SAMO0005	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/28/74-02/03/75	0	3	
SAMO0008	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/31/86-10/31/86	0	1	
SAMO0013	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/17/86-10/17/86	0	1	
SAMO0015	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/18/74-07/21/78	4	26	
SAMO0016	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	11/03/86-11/03/86	0	1	
SAMO0023	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	11/03/86-11/03/86	0	1	
SAMO0025	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	11/20/86-11/20/86	0	1	
SAMO0030	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/05/72-09/20/78	6	76	
SAMO0031	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	11/20/86-11/20/86	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot



**Station/Parameter Period of Record Tabulation**  
**From 01/01/01 To 09/02/93**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
SAMO0055	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/18/66-09/19/74	7	86	
SAMO0056	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	03/23/64-03/23/64	0	1	
SAMO0060	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	12/15/86-12/15/86	0	1	
SAMO0062	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	01/16/52-05/17/88	36	73	S
SAMO0063	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/16/52-12/02/52	0	2	
SAMO0064	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	01/27/56-04/02/65	9	4	
SAMO0067	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	01/27/56-04/02/65	9	4	
SAMO0068	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/28/74-02/03/75	0	3	
SAMO0075	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	12/12/51-01/07/53	1	3	
SAMO0076	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	03/07/52-12/02/52	0	3	
SAMO0079	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	02/19/62-11/29/70	8	2	
SAMO0080	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	02/09/62-04/02/65	3	3	
SAMO0097	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	03/07/52-08/17/77	25	18	
SAMO0100	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	03/23/64-03/23/64	0	1	
SAMO0110	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	01/27/56-11/29/70	14	3	
SAMO0111	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/12/79-04/12/79	0	1	
SAMO0112	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	01/13/57-04/12/79	22	4	
SAMO0114	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/16/52-02/27/53	0	5	
SAMO0116	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	01/27/56-01/27/56	0	1	
SAMO0117	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/26/78-09/26/78	0	1	
SAMO0119	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	02/09/62-02/19/62	0	2	
SAMO0122	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	01/27/56-04/02/65	9	3	
SAMO0123	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/06/52-06/06/52	0	1	
SAMO0125	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	02/25/74-02/25/74	0	1	
SAMO0126	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	02/19/62-02/19/62	0	1	
SAMO0132	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	01/27/56-02/25/74	18	3	
SAMO0133	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/29/78-06/29/78	0	1	
SAMO0136	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	02/06/52-11/29/70	18	8	
SAMO0137	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	02/09/62-02/09/62	0	1	
SAMO0140	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/22/58-04/22/58	0	1	
SAMO0143	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	01/15/52-11/29/70	18	8	
SAMO0144	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	02/09/62-02/09/62	0	1	
SAMO0147	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	03/07/52-04/08/58	6	4	
SAMO0149	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	01/27/56-01/27/56	0	1	
SAMO0150	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	01/27/56-02/14/61	5	2	
SAMO0151	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	12/11/86-12/11/86	0	1	
SAMO0152	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	01/26/56-11/20/63	7	5	
SAMO0154	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	02/16/62-02/16/62	0	1	
SAMO0155	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/07/53-04/07/53	0	1	
SAMO0156	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/08/52-11/29/70	18	8	
SAMO0157	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/12/61-09/12/61	0	1	
SAMO0158	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/12/61-09/12/61	0	1	
SAMO0160	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	02/14/61-02/14/61	0	1	
SAMO0161	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	12/11/86-12/11/86	0	1	
SAMO0162	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/08/52-04/08/52	0	1	
SAMO0163	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/12/61-09/12/61	0	1	
SAMO0164	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	02/14/61-02/14/61	0	1	
SAMO0168	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	03/03/61-03/03/61	0	1	
SAMO0169	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	02/14/61-02/14/61	0	1	
SAMO0170	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/04/52-01/14/53	0	2	
SAMO0171	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	03/03/61-03/03/61	0	1	
SAMO0172	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	03/03/61-03/03/61	0	1	
SAMO0173	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/06/52-02/14/61	8	3	
SAMO0175	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/06/52-02/27/53	0	2	
SAMO0176	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	03/03/61-03/03/61	0	1	
SAMO0177	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	02/14/61-02/14/61	0	2	
SAMO0178	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	03/03/61-03/03/61	0	1	
SAMO0179	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	03/03/61-03/03/61	0	1	
SAMO0180	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/12/61-09/12/61	0	1	
SAMO0181	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/12/61-09/12/61	0	1	
SAMO0182	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/06/52-01/14/53	0	2	
SAMO0184	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	11/17/60-11/17/60	0	1	
SAMO0055	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	10/26/70-09/19/74	3	33	
SAMO0055	No	71865	IODIDE (MG/L AS I)	10/15/73-09/24/75	1	19	
SAMO0098	No	71865	IODIDE (MG/L AS I)	09/02/93-09/02/93	0	1	
SAMO0102	No	71865	IODIDE (MG/L AS I)	05/23/90-09/05/90	0	2	
SAMO0103	No	71865	IODIDE (MG/L AS I)	05/23/90-08/31/93	3	3	
SAMO0120	No	71865	IODIDE (MG/L AS I)	05/23/90-09/01/93	3	3	
SAMO0124	No	71865	IODIDE (MG/L AS I)	07/10/90-07/10/90	0	1	
SAMO0135	No	71865	IODIDE (MG/L AS I)	07/10/90-07/10/90	0	1	
SAMO0055	No	71870	BROMIDE (MG/L AS BR)	11/21/74-09/24/75	0	11	
SAMO0098	No	71870	BROMIDE (MG/L AS BR)	09/02/93-09/02/93	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation  
From 01/01/01 To 09/02/93**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
SAMO0102	No	71870	BROMIDE (MG/L AS BR)	05/23/90-08/31/93	3	3	
SAMO0103	No	71870	BROMIDE (MG/L AS BR)	05/23/90-08/31/93	3	3	
SAMO0109	No	71870	BROMIDE (MG/L AS BR)	09/02/93-09/02/93	0	1	
SAMO0113	No	71870	BROMIDE (MG/L AS BR)	09/01/93-09/01/93	0	1	
SAMO0120	No	71870	BROMIDE (MG/L AS BR)	05/23/90-09/01/93	3	3	
SAMO0124	No	71870	BROMIDE (MG/L AS BR)	07/10/90-07/10/90	0	1	
SAMO0135	No	71870	BROMIDE (MG/L AS BR)	07/10/90-07/10/90	0	1	
SAMO0001	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	04/01/71-04/01/71	0	1	
SAMO0014	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	01/09/80-02/04/90	10	8	
SAMO0018	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	01/09/80-02/04/90	10	8	
SAMO0027	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	02/09/89-02/04/90	0	4	
SAMO0028	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	01/09/80-03/06/80	0	3	
SAMO0055	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	10/15/73-09/19/74	0	8	
SAMO0061	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	01/09/80-02/04/90	10	6	
SAMO0062	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	12/05/73-12/05/73	0	1	
SAMO0101	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	02/09/89-02/09/89	0	1	
SAMO0002	No	71900	MERCURY, TOTAL (UG/L AS HG)	04/01/71-05/16/91	20	36	
SAMO0003	No	71900	MERCURY, TOTAL (UG/L AS HG)	01/04/74-02/03/75	1	4	
SAMO0004	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/28/74-02/02/75	0	3	
SAMO0005	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/28/74-02/02/75	0	3	
SAMO0006	No	71900	MERCURY, TOTAL (UG/L AS HG)	01/04/74-02/03/75	1	4	
SAMO0014	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	12/27/77-05/02/91	13	116	
SAMO0015	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	12/27/77-03/04/78	0	6	
SAMO0018	No	71900	MERCURY, TOTAL (UG/L AS HG)	12/27/77-05/02/91	13	114	
SAMO0025	No	71900	MERCURY, TOTAL (UG/L AS HG)	11/20/86-11/20/86	0	1	
SAMO0027	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	05/11/88-05/02/91	2	37	
SAMO0028	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	08/04/71-03/21/84	12	151	
SAMO0029	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	07/27/82-08/03/88	6	13	
SAMO0030	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	10/04/72-02/28/78	5	41	
SAMO0031	No	71900	MERCURY, TOTAL (UG/L AS HG)	11/20/86-11/20/86	0	1	
SAMO0032	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	05/30/84-08/03/88	4	8	
SAMO0054	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	05/30/84-07/24/84	0	3	
SAMO0055	No	71900	MERCURY, TOTAL (UG/L AS HG)	11/21/74-09/27/76	1	22	
SAMO0059	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	07/28/82-08/04/88	6	2	
SAMO0061	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	12/07/71-05/02/91	19	171	A
SAMO0062	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	10/04/72-05/17/88	15	39	
SAMO0066	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	12/17/87-08/03/88	0	2	
SAMO0068	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	10/28/74-12/04/74	0	2	
SAMO0069	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	07/28/82-08/02/88	6	11	
SAMO0073	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	08/04/88-08/04/88	0	1	
SAMO0083	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	08/05/88-08/05/88	0	1	
SAMO0086	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	11/10/82-02/17/86	3	4	
SAMO0087	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	05/31/84-08/29/84	0	4	
SAMO0088	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	07/24/84-08/02/88	4	3	
SAMO0090	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	02/17/86-07/23/86	0	2	
SAMO0091	No	71900	MERCURY, TOTAL (UG/L AS HG)	08/05/88-08/05/88	0	1	
SAMO0092	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	11/25/85-12/17/87	2	3	
SAMO0094	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	12/01/73-01/04/74	0	2	
SAMO0101	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	02/09/89-02/09/89	0	1	
SAMO0105	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	03/10/86-03/10/86	0	1	
SAMO0107	No	71900	MERCURY, TOTAL (UG/L AS HG)	08/05/88-08/05/88	0	1	
SAMO0125	No	71900	MERCURY, TOTAL (UG/L AS HG)	03/05/74-03/05/74	0	1	
SAMO0128	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	02/13/86-02/13/86	0	1	
SAMO0131	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	02/13/86-02/13/86	0	1	
SAMO0132	No	71900	MERCURY, TOTAL (UG/L AS HG)	03/05/74-03/05/74	0	1	
SAMO0138	No	71900	MERCURY, TOTAL (UG/L AS HG)	02/13/86-02/13/86	0	1	
SAMO0141	No	71900	MERCURY, TOTAL (UG/L AS HG)	03/01/83-03/10/86	3	3	
SAMO0142	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	03/10/86-03/10/86	0	1	
SAMO0159	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	06/07/71-06/07/71	0	1	
SAMO0008	No	71901	MERCURY, TOTAL RECOVERABLE IN WATER AS HG UG/L	10/31/86-10/31/86	0	1	
SAMO0013	No	71901	MERCURY, TOTAL RECOVERABLE IN WATER AS HG UG/L	10/17/86-10/17/86	0	1	
SAMO0016	No	71901	MERCURY, TOTAL RECOVERABLE IN WATER AS HG UG/L	11/03/86-11/03/86	0	1	
SAMO0023	No	71901	MERCURY, TOTAL RECOVERABLE IN WATER AS HG UG/L	11/03/86-11/03/86	0	1	
SAMO0151	No	71901	MERCURY, TOTAL RECOVERABLE IN WATER AS HG UG/L	12/11/86-12/11/86	0	1	
SAMO0029	Yes	71921	MERCURY, TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	12/01/81-03/02/83	1	4	
SAMO0059	Yes	71921	MERCURY, TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	12/01/81-07/28/82	0	3	
SAMO0069	Yes	71921	MERCURY, TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	12/01/81-03/01/83	1	3	
SAMO0141	No	71921	MERCURY, TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	03/01/83-03/01/83	0	1	
SAMO0029	Yes	72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)	12/01/81-08/29/84	2	11	
SAMO0069	Yes	72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)	12/01/81-08/29/84	2	12	
SAMO0029	Yes	72005	SAMPLE SOURCE CODE (BM WELL DATA)	12/01/81-12/01/81	0	1	
SAMO0059	Yes	72005	SAMPLE SOURCE CODE (BM WELL DATA)	12/01/81-12/01/81	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 01/01/01 To 09/02/93**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
SAMO0069	Yes	72005	SAMPLE SOURCE CODE (BM WELL DATA)	12/01/81-12/01/81	0	1	
SAMO0007	No	77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	03/24/87-03/24/87	0	1	
SAMO0013	No	77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	10/12/86-03/24/87	0	2	
SAMO0016	No	77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	11/03/86-04/09/87	0	2	
SAMO0017	No	77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	03/24/87-03/24/87	0	1	
SAMO0019	No	77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	12/23/86-12/23/86	0	1	
SAMO0021	No	77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	05/19/87-05/19/87	0	1	
SAMO0023	No	77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	11/03/86-04/09/87	0	2	
SAMO0024	No	77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	03/24/87-03/24/87	0	1	
SAMO0025	No	77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	11/20/86-04/14/87	0	2	
SAMO0026	Yes	77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	12/23/86-12/23/86	0	1	
SAMO0031	No	77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	11/20/86-03/24/87	0	2	
SAMO0033	No	77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	12/04/86-04/14/87	0	2	
SAMO0034	No	77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	12/04/86-04/14/87	0	2	
SAMO0035	No	77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	03/24/87-03/24/87	0	1	
SAMO0036	No	77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	12/04/86-12/04/86	0	1	
SAMO0037	No	77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	12/04/86-12/04/86	0	1	
SAMO0049	No	77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	12/04/86-12/04/86	0	1	
SAMO0052	No	77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	04/14/87-04/14/87	0	1	
SAMO0060	Yes	77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	12/15/86-12/15/86	0	1	
SAMO0071	Yes	77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	12/23/86-12/23/86	0	1	
SAMO0096	No	77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	01/08/87-01/08/87	0	1	
SAMO0139	No	77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	01/29/87-01/29/87	0	1	
SAMO0151	No	77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	12/11/86-04/14/87	0	2	
SAMO0165	No	77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	04/14/87-04/14/87	0	1	
SAMO0166	No	77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	06/17/87-06/17/87	0	1	
SAMO0167	No	77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	06/17/87-06/17/87	0	1	
SAMO0174	No	77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	06/17/87-06/17/87	0	1	
SAMO0007	No	77128	STYRENE WHOLE WATER,UG/L	03/24/87-03/24/87	0	1	
SAMO0013	No	77128	STYRENE WHOLE WATER,UG/L	10/12/86-03/24/87	0	2	
SAMO0016	No	77128	STYRENE WHOLE WATER,UG/L	11/03/86-04/09/87	0	2	
SAMO0017	No	77128	STYRENE WHOLE WATER,UG/L	03/24/87-03/24/87	0	1	
SAMO0019	No	77128	STYRENE WHOLE WATER,UG/L	12/23/86-12/23/86	0	1	
SAMO0021	No	77128	STYRENE WHOLE WATER,UG/L	05/19/87-05/19/87	0	1	
SAMO0023	No	77128	STYRENE WHOLE WATER,UG/L	11/03/86-04/09/87	0	2	
SAMO0024	No	77128	STYRENE WHOLE WATER,UG/L	03/24/87-03/24/87	0	1	
SAMO0025	No	77128	STYRENE WHOLE WATER,UG/L	11/20/86-04/14/87	0	2	
SAMO0026	Yes	77128	STYRENE WHOLE WATER,UG/L	12/23/86-12/23/86	0	1	
SAMO0031	No	77128	STYRENE WHOLE WATER,UG/L	11/20/86-03/24/87	0	2	
SAMO0033	No	77128	STYRENE WHOLE WATER,UG/L	12/04/86-04/14/87	0	2	
SAMO0034	No	77128	STYRENE WHOLE WATER,UG/L	12/04/86-04/14/87	0	2	
SAMO0035	No	77128	STYRENE WHOLE WATER,UG/L	03/24/87-03/24/87	0	1	
SAMO0036	No	77128	STYRENE WHOLE WATER,UG/L	12/04/86-12/04/86	0	1	
SAMO0037	No	77128	STYRENE WHOLE WATER,UG/L	12/04/86-12/04/86	0	1	
SAMO0049	No	77128	STYRENE WHOLE WATER,UG/L	12/04/86-12/04/86	0	1	
SAMO0052	No	77128	STYRENE WHOLE WATER,UG/L	04/14/87-04/14/87	0	1	
SAMO0060	Yes	77128	STYRENE WHOLE WATER,UG/L	12/15/86-12/15/86	0	1	
SAMO0071	Yes	77128	STYRENE WHOLE WATER,UG/L	12/23/86-12/23/86	0	1	
SAMO0096	No	77128	STYRENE WHOLE WATER,UG/L	01/08/87-01/08/87	0	1	
SAMO0139	No	77128	STYRENE WHOLE WATER,UG/L	01/29/87-01/29/87	0	1	
SAMO0151	No	77128	STYRENE WHOLE WATER,UG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	77128	STYRENE WHOLE WATER,UG/L	12/11/86-04/14/87	0	2	
SAMO0165	No	77128	STYRENE WHOLE WATER,UG/L	04/14/87-04/14/87	0	1	
SAMO0166	No	77128	STYRENE WHOLE WATER,UG/L	06/17/87-06/17/87	0	1	
SAMO0167	No	77128	STYRENE WHOLE WATER,UG/L	06/17/87-06/17/87	0	1	
SAMO0174	No	77128	STYRENE WHOLE WATER,UG/L	06/17/87-06/17/87	0	1	
SAMO0013	No	77134	1,3-DIMETHYLBENZENE(M-XYLENE) WHOLE WATER,UG/L	10/12/86-10/12/86	0	1	
SAMO0016	No	77134	1,3-DIMETHYLBENZENE(M-XYLENE) WHOLE WATER,UG/L	11/03/86-11/03/86	0	1	
SAMO0019	No	77134	1,3-DIMETHYLBENZENE(M-XYLENE) WHOLE WATER,UG/L	12/23/86-12/23/86	0	1	
SAMO0023	No	77134	1,3-DIMETHYLBENZENE(M-XYLENE) WHOLE WATER,UG/L	11/03/86-11/03/86	0	1	
SAMO0025	No	77134	1,3-DIMETHYLBENZENE(M-XYLENE) WHOLE WATER,UG/L	11/20/86-11/20/86	0	1	
SAMO0026	Yes	77134	1,3-DIMETHYLBENZENE(M-XYLENE) WHOLE WATER,UG/L	12/23/86-12/23/86	0	1	
SAMO0031	No	77134	1,3-DIMETHYLBENZENE(M-XYLENE) WHOLE WATER,UG/L	11/20/86-11/20/86	0	1	
SAMO0033	No	77134	1,3-DIMETHYLBENZENE(M-XYLENE) WHOLE WATER,UG/L	12/04/86-12/04/86	0	1	
SAMO0034	No	77134	1,3-DIMETHYLBENZENE(M-XYLENE) WHOLE WATER,UG/L	12/04/86-12/04/86	0	1	
SAMO0036	No	77134	1,3-DIMETHYLBENZENE(M-XYLENE) WHOLE WATER,UG/L	12/04/86-12/04/86	0	1	
SAMO0037	No	77134	1,3-DIMETHYLBENZENE(M-XYLENE) WHOLE WATER,UG/L	12/04/86-12/04/86	0	1	
SAMO0049	No	77134	1,3-DIMETHYLBENZENE(M-XYLENE) WHOLE WATER,UG/L	12/04/86-12/04/86	0	1	
SAMO0071	Yes	77134	1,3-DIMETHYLBENZENE(M-XYLENE) WHOLE WATER,UG/L	12/23/86-12/23/86	0	1	
SAMO0013	No	77135	O-XYLENE WHOLE WATER,UG/L	10/12/86-10/12/86	0	1	
SAMO0016	No	77135	O-XYLENE WHOLE WATER,UG/L	11/03/86-11/03/86	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

# Station/Parameter Period of Record Tabulation From 01/01/01 To 09/02/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
SAMO0019	No	77135	O-XYLENE WHOLE WATER,UG/L	12/23/86-12/23/86	0	1	
SAMO0023	No	77135	O-XYLENE WHOLE WATER,UG/L	11/03/86-11/03/86	0	1	
SAMO0025	No	77135	O-XYLENE WHOLE WATER,UG/L	11/20/86-11/20/86	0	1	
SAMO0026	Yes	77135	O-XYLENE WHOLE WATER,UG/L	12/23/86-12/23/86	0	1	
SAMO0031	No	77135	O-XYLENE WHOLE WATER,UG/L	11/20/86-11/20/86	0	1	
SAMO0034	No	77135	O-XYLENE WHOLE WATER,UG/L	12/04/86-12/04/86	0	1	
SAMO0036	No	77135	O-XYLENE WHOLE WATER,UG/L	12/04/86-12/04/86	0	1	
SAMO0037	No	77135	O-XYLENE WHOLE WATER,UG/L	12/04/86-12/04/86	0	1	
SAMO0049	No	77135	O-XYLENE WHOLE WATER,UG/L	12/04/86-12/04/86	0	1	
SAMO0071	Yes	77135	O-XYLENE WHOLE WATER,UG/L	12/23/86-12/23/86	0	1	
SAMO0007	No	77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	03/24/87-03/24/87	0	1	
SAMO0013	No	77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	03/24/87-03/24/87	0	1	
SAMO0016	No	77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	04/09/87-04/09/87	0	1	
SAMO0017	No	77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	03/24/87-03/24/87	0	1	
SAMO0021	No	77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	05/19/87-05/19/87	0	1	
SAMO0023	No	77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	04/09/87-04/09/87	0	1	
SAMO0024	No	77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	03/24/87-03/24/87	0	1	
SAMO0025	No	77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	04/14/87-04/14/87	0	1	
SAMO0031	No	77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	03/24/87-03/24/87	0	1	
SAMO0033	No	77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	04/14/87-04/14/87	0	1	
SAMO0034	No	77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	04/14/87-04/14/87	0	1	
SAMO0035	No	77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	03/24/87-03/24/87	0	1	
SAMO0052	No	77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	04/14/87-04/14/87	0	1	
SAMO0139	No	77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	01/29/87-01/29/87	0	1	
SAMO0161	No	77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	04/14/87-04/14/87	0	1	
SAMO0165	No	77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	04/14/87-04/14/87	0	1	
SAMO0166	No	77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	06/17/87-06/17/87	0	1	
SAMO0167	No	77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	06/17/87-06/17/87	0	1	
SAMO0174	No	77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	06/17/87-06/17/87	0	1	
SAMO0029	Yes	77825	ALACHLOR WHOLE WATER,UG/L	08/03/88-08/03/88	0	1	
SAMO0059	Yes	77825	ALACHLOR WHOLE WATER,UG/L	08/04/88-08/04/88	0	1	
SAMO0066	Yes	77825	ALACHLOR WHOLE WATER,UG/L	08/03/88-08/03/88	0	1	
SAMO0069	Yes	77825	ALACHLOR WHOLE WATER,UG/L	08/02/88-08/02/88	0	1	
SAMO0088	Yes	77825	ALACHLOR WHOLE WATER,UG/L	08/02/88-08/02/88	0	1	
SAMO0092	Yes	77825	ALACHLOR WHOLE WATER,UG/L	12/17/87-12/17/87	0	1	
SAMO0033	No	78135	DIMETHYLCYCLOPENTANE IN WHOLE WATER UG/L	12/04/86-12/04/86	0	1	
SAMO0029	Yes	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	11/25/85-03/06/87	1	2	
SAMO0032	Yes	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	02/01/86-02/01/86	0	1	
SAMO0066	Yes	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	12/17/87-12/17/87	0	1	
SAMO0069	Yes	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	02/01/86-03/06/87	1	2	
SAMO0090	Yes	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	02/17/86-02/17/86	0	1	
SAMO0092	Yes	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/06/87-12/17/87	0	2	
SAMO0095	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	01/20/69-03/21/78	9	37	
SAMO0146	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	01/20/69-03/22/78	9	62	
SAMO0095	No	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	01/20/69-03/21/78	9	37	
SAMO0146	No	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	01/20/69-03/22/78	9	61	
SAMO0146	No	80156	TOTAL SED DISCHARGE(SUSP PLUS BED LOAD)(TONS/DAY)	12/18/70-12/18/70	0	1	
SAMO0095	No	80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	09/23/68-09/18/73	4	2	
SAMO0146	No	80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	02/01/69-09/20/78	9	3	
SAMO0095	No	80165	BED MATERIAL SIEVE DIAMETER,% FINER THAN .125MM	09/23/68-09/30/75	7	4	
SAMO0146	No	80165	BED MATERIAL SIEVE DIAMETER,% FINER THAN .125MM	01/20/69-09/20/78	9	13	
SAMO0095	No	80166	BED MATERIAL SIEVE DIAMETER,% FINER THAN .250MM	09/23/68-09/30/75	7	5	
SAMO0146	No	80166	BED MATERIAL SIEVE DIAMETER,% FINER THAN .250MM	01/20/69-09/20/78	9	13	
SAMO0095	No	80167	BED MATERIAL SIEVE DIAMETER,% FINER THAN .500MM	09/23/68-09/30/75	7	5	
SAMO0146	No	80167	BED MATERIAL SIEVE DIAMETER,% FINER THAN .500MM	01/20/69-09/20/78	9	13	
SAMO0095	No	80168	BED MATERIAL SIEVE DIAMETER,% FINER THAN 1.00MM	09/23/68-09/30/75	7	5	
SAMO0146	No	80168	BED MATERIAL SIEVE DIAMETER,% FINER THAN 1.00MM	01/20/69-09/20/78	9	13	
SAMO0095	No	80169	BED MATERIAL SIEVE DIAMETER,% FINER THAN 2.00MM	09/23/68-09/30/75	7	5	
SAMO0146	No	80169	BED MATERIAL SIEVE DIAMETER,% FINER THAN 2.00MM	01/20/69-09/20/78	9	13	
SAMO0095	No	80170	BED MATERIAL SIEVE DIAMETER,% FINER THAN 4.00MM	09/23/68-09/30/75	7	5	
SAMO0146	No	80170	BED MATERIAL SIEVE DIAMETER,% FINER THAN 4.00MM	01/20/69-09/20/78	9	8	
SAMO0095	No	80171	BED MATERIAL SIEVE DIAMETER,% FINER THAN 8.00MM	09/23/68-09/30/75	7	5	
SAMO0146	No	80171	BED MATERIAL SIEVE DIAMETER,% FINER THAN 8.00MM	01/20/69-09/20/78	9	4	
SAMO0095	No	80172	BED MATERIAL SIEVE DIAMETER,% FINER THAN 16.0MM	09/23/68-09/30/75	7	4	
SAMO0146	No	80172	BED MATERIAL SIEVE DIAMETER,% FINER THAN 16.0MM	01/20/69-09/20/78	9	2	
SAMO0095	No	80173	BED MATERIAL SIEVE DIAMETER,% FINER THAN 32.0MM	09/23/68-09/30/75	7	3	
SAMO0095	No	80174	BED MATERIAL SIEVE DIAMETER,% FINER THAN 64.0MM	09/30/75-09/30/75	0	1	
SAMO0146	No	80225	BEDLOAD SEDIMENT DISCHARGE (TONS/DAY)	11/02/77-06/29/78	0	6	
SAMO0146	No	80226	BEDLOAD SEDIMENT SIEVE DIAM, % FINER THAN .062MM	03/13/78-06/29/78	0	4	
SAMO0146	No	80227	BEDLOAD SEDIMENT SIEVE DIAM, % FINER THAN .125MM	11/02/77-06/29/78	0	6	
SAMO0146	No	80228	BEDLOAD SEDIMENT SIEVE DIAM, % FINER THAN .250MM	11/02/77-06/29/78	0	6	
SAMO0146	No	80229	BEDLOAD SEDIMENT SIEVE DIAM, % FINER THAN .500MM	11/02/77-06/29/78	0	6	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

# Station/Parameter Period of Record Tabulation From 01/01/01 To 09/02/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
SAMO0146	No	80230	BEDLOAD SEDIMENT SIEVE DIAM, % FINER THAN 1.00MM	11/02/77-06/29/78	0	6	
SAMO0146	No	80231	BEDLOAD SEDIMENT SIEVE DIAM, % FINER THAN 2.00MM	11/02/77-06/29/78	0	6	
SAMO0146	No	80232	BEDLOAD SEDIMENT SIEVE DIAM, % FINER THAN 4.00MM	11/02/77-06/29/78	0	5	
SAMO0146	No	80233	BEDLOAD SEDIMENT SIEVE DIAM, % FINER THAN 8.00MM	11/02/77-11/02/77	0	1	
SAMO0029	Yes	81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	12/01/81-08/29/84	2	11	
SAMO0069	Yes	81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	12/01/81-08/29/84	2	12	
SAMO0016	No	81552	ACETONE WHL WATER SMPL UG/L	04/09/87-04/09/87	0	1	
SAMO0025	No	81552	ACETONE WHL WATER SMPL UG/L	04/14/87-04/14/87	0	1	
SAMO0033	No	81552	ACETONE WHL WATER SMPL UG/L	04/14/87-04/14/87	0	1	
SAMO0007	No	81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	03/24/87-03/24/87	0	1	
SAMO0013	No	81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	10/12/86-03/24/87	0	2	
SAMO0016	No	81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	11/03/86-04/09/87	0	2	
SAMO0017	No	81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	03/24/87-03/24/87	0	1	
SAMO0019	No	81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	12/23/86-12/23/86	0	1	
SAMO0021	No	81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	05/19/87-05/19/87	0	1	
SAMO0023	No	81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	11/03/86-04/09/87	0	2	
SAMO0024	No	81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	03/24/87-03/24/87	0	1	
SAMO0025	No	81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	11/20/86-04/14/87	0	2	
SAMO0026	Yes	81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	12/23/86-12/23/86	0	1	
SAMO0031	No	81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	11/20/86-03/24/87	0	2	
SAMO0033	No	81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	12/04/86-04/14/87	0	2	
SAMO0034	No	81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	12/04/86-04/14/87	0	2	
SAMO0035	No	81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	03/24/87-03/24/87	0	1	
SAMO0036	No	81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	12/04/86-12/04/86	0	1	
SAMO0037	No	81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	12/04/86-12/04/86	0	1	
SAMO0049	No	81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	12/04/86-12/04/86	0	1	
SAMO0052	No	81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	04/14/87-04/14/87	0	1	
SAMO0060	Yes	81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	12/15/86-12/15/86	0	1	
SAMO0071	Yes	81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	12/23/86-12/23/86	0	1	
SAMO0096	No	81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	01/08/87-01/08/87	0	1	
SAMO0139	No	81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	01/29/87-01/29/87	0	1	
SAMO0151	No	81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	12/11/86-04/14/87	0	2	
SAMO0165	No	81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	04/14/87-04/14/87	0	1	
SAMO0166	No	81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	06/17/87-06/17/87	0	1	
SAMO0167	No	81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	06/17/87-06/17/87	0	1	
SAMO0174	No	81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	06/17/87-06/17/87	0	1	
SAMO0007	No	81596	METHYL-ISOBUTYL KETONE WHL WATER SMPL UG/L	03/24/87-03/24/87	0	1	
SAMO0013	No	81596	METHYL-ISOBUTYL KETONE WHL WATER SMPL UG/L	10/12/86-03/24/87	0	2	
SAMO0016	No	81596	METHYL-ISOBUTYL KETONE WHL WATER SMPL UG/L	11/03/86-04/09/87	0	2	
SAMO0017	No	81596	METHYL-ISOBUTYL KETONE WHL WATER SMPL UG/L	03/24/87-03/24/87	0	1	
SAMO0019	No	81596	METHYL-ISOBUTYL KETONE WHL WATER SMPL UG/L	12/23/86-12/23/86	0	1	
SAMO0021	No	81596	METHYL-ISOBUTYL KETONE WHL WATER SMPL UG/L	05/19/87-05/19/87	0	1	
SAMO0023	No	81596	METHYL-ISOBUTYL KETONE WHL WATER SMPL UG/L	11/03/86-04/09/87	0	2	
SAMO0024	No	81596	METHYL-ISOBUTYL KETONE WHL WATER SMPL UG/L	03/24/87-03/24/87	0	1	
SAMO0025	No	81596	METHYL-ISOBUTYL KETONE WHL WATER SMPL UG/L	11/20/86-04/14/87	0	2	
SAMO0026	Yes	81596	METHYL-ISOBUTYL KETONE WHL WATER SMPL UG/L	12/23/86-12/23/86	0	1	
SAMO0031	No	81596	METHYL-ISOBUTYL KETONE WHL WATER SMPL UG/L	11/20/86-03/24/87	0	2	
SAMO0033	No	81596	METHYL-ISOBUTYL KETONE WHL WATER SMPL UG/L	12/04/86-04/14/87	0	2	
SAMO0034	No	81596	METHYL-ISOBUTYL KETONE WHL WATER SMPL UG/L	12/04/86-04/14/87	0	2	
SAMO0035	No	81596	METHYL-ISOBUTYL KETONE WHL WATER SMPL UG/L	03/24/87-03/24/87	0	1	
SAMO0036	No	81596	METHYL-ISOBUTYL KETONE WHL WATER SMPL UG/L	12/04/86-12/04/86	0	1	
SAMO0037	No	81596	METHYL-ISOBUTYL KETONE WHL WATER SMPL UG/L	12/04/86-12/04/86	0	1	
SAMO0049	No	81596	METHYL-ISOBUTYL KETONE WHL WATER SMPL UG/L	12/04/86-12/04/86	0	1	
SAMO0052	No	81596	METHYL-ISOBUTYL KETONE WHL WATER SMPL UG/L	04/14/87-04/14/87	0	1	
SAMO0060	Yes	81596	METHYL-ISOBUTYL KETONE WHL WATER SMPL UG/L	12/15/86-12/15/86	0	1	
SAMO0071	Yes	81596	METHYL-ISOBUTYL KETONE WHL WATER SMPL UG/L	12/23/86-12/23/86	0	1	
SAMO0096	No	81596	METHYL-ISOBUTYL KETONE WHL WATER SMPL UG/L	01/08/87-01/08/87	0	1	
SAMO0139	No	81596	METHYL-ISOBUTYL KETONE WHL WATER SMPL UG/L	01/29/87-01/29/87	0	1	
SAMO0151	No	81596	METHYL-ISOBUTYL KETONE WHL WATER SMPL UG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	81596	METHYL-ISOBUTYL KETONE WHL WATER SMPL UG/L	12/11/86-04/14/87	0	2	
SAMO0165	No	81596	METHYL-ISOBUTYL KETONE WHL WATER SMPL UG/L	04/14/87-04/14/87	0	1	
SAMO0166	No	81596	METHYL-ISOBUTYL KETONE WHL WATER SMPL UG/L	06/17/87-06/17/87	0	1	
SAMO0167	No	81596	METHYL-ISOBUTYL KETONE WHL WATER SMPL UG/L	06/17/87-06/17/87	0	1	
SAMO0174	No	81596	METHYL-ISOBUTYL KETONE WHL WATER SMPL UG/L	06/17/87-06/17/87	0	1	
SAMO0007	No	81710	M-XYLENE IN THE WHOLE WATER SAMPLE MG/L	03/24/87-03/24/87	0	1	
SAMO0013	No	81710	M-XYLENE IN THE WHOLE WATER SAMPLE MG/L	03/24/87-03/24/87	0	1	
SAMO0016	No	81710	M-XYLENE IN THE WHOLE WATER SAMPLE MG/L	04/09/87-04/09/87	0	1	
SAMO0017	No	81710	M-XYLENE IN THE WHOLE WATER SAMPLE MG/L	03/24/87-03/24/87	0	1	
SAMO0021	No	81710	M-XYLENE IN THE WHOLE WATER SAMPLE MG/L	05/19/87-05/19/87	0	1	
SAMO0023	No	81710	M-XYLENE IN THE WHOLE WATER SAMPLE MG/L	04/09/87-04/09/87	0	1	
SAMO0024	No	81710	M-XYLENE IN THE WHOLE WATER SAMPLE MG/L	03/24/87-03/24/87	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 01/01/01 To 09/02/93**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
SAMO0025	No	81710	M-XYLENE IN THE WHOLE WATER SAMPLE MG/L	04/14/87-04/14/87	0	1	
SAMO0031	No	81710	M-XYLENE IN THE WHOLE WATER SAMPLE MG/L	03/24/87-03/24/87	0	1	
SAMO0033	No	81710	M-XYLENE IN THE WHOLE WATER SAMPLE MG/L	04/14/87-04/14/87	0	1	
SAMO0034	No	81710	M-XYLENE IN THE WHOLE WATER SAMPLE MG/L	04/14/87-04/14/87	0	1	
SAMO0035	No	81710	M-XYLENE IN THE WHOLE WATER SAMPLE MG/L	03/24/87-03/24/87	0	1	
SAMO0052	No	81710	M-XYLENE IN THE WHOLE WATER SAMPLE MG/L	04/14/87-04/14/87	0	1	
SAMO0060	Yes	81710	M-XYLENE IN THE WHOLE WATER SAMPLE MG/L	12/15/86-12/15/86	0	1	
SAMO0096	No	81710	M-XYLENE IN THE WHOLE WATER SAMPLE MG/L	01/08/87-01/08/87	0	1	
SAMO0139	No	81710	M-XYLENE IN THE WHOLE WATER SAMPLE MG/L	01/29/87-01/29/87	0	1	
SAMO0151	No	81710	M-XYLENE IN THE WHOLE WATER SAMPLE MG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	81710	M-XYLENE IN THE WHOLE WATER SAMPLE MG/L	12/11/86-04/14/87	0	2	
SAMO0165	No	81710	M-XYLENE IN THE WHOLE WATER SAMPLE MG/L	04/14/87-04/14/87	0	1	
SAMO0166	No	81710	M-XYLENE IN THE WHOLE WATER SAMPLE MG/L	06/17/87-06/17/87	0	1	
SAMO0167	No	81710	M-XYLENE IN THE WHOLE WATER SAMPLE MG/L	06/17/87-06/17/87	0	1	
SAMO0174	No	81710	M-XYLENE IN THE WHOLE WATER SAMPLE MG/L	06/17/87-06/17/87	0	1	
SAMO0007	No	81711	O-XYLENE IN THE WHOLE WATER SAMPLE MG/L	03/24/87-03/24/87	0	1	
SAMO0013	No	81711	O-XYLENE IN THE WHOLE WATER SAMPLE MG/L	03/24/87-03/24/87	0	1	
SAMO0016	No	81711	O-XYLENE IN THE WHOLE WATER SAMPLE MG/L	04/09/87-04/09/87	0	1	
SAMO0017	No	81711	O-XYLENE IN THE WHOLE WATER SAMPLE MG/L	03/24/87-03/24/87	0	1	
SAMO0021	No	81711	O-XYLENE IN THE WHOLE WATER SAMPLE MG/L	05/19/87-05/19/87	0	1	
SAMO0023	No	81711	O-XYLENE IN THE WHOLE WATER SAMPLE MG/L	04/09/87-04/09/87	0	1	
SAMO0024	No	81711	O-XYLENE IN THE WHOLE WATER SAMPLE MG/L	03/24/87-03/24/87	0	1	
SAMO0025	No	81711	O-XYLENE IN THE WHOLE WATER SAMPLE MG/L	04/14/87-04/14/87	0	1	
SAMO0031	No	81711	O-XYLENE IN THE WHOLE WATER SAMPLE MG/L	03/24/87-03/24/87	0	1	
SAMO0033	No	81711	O-XYLENE IN THE WHOLE WATER SAMPLE MG/L	04/14/87-04/14/87	0	1	
SAMO0034	No	81711	O-XYLENE IN THE WHOLE WATER SAMPLE MG/L	04/14/87-04/14/87	0	1	
SAMO0035	No	81711	O-XYLENE IN THE WHOLE WATER SAMPLE MG/L	03/24/87-03/24/87	0	1	
SAMO0052	No	81711	O-XYLENE IN THE WHOLE WATER SAMPLE MG/L	04/14/87-04/14/87	0	1	
SAMO0060	Yes	81711	O-XYLENE IN THE WHOLE WATER SAMPLE MG/L	12/15/86-12/15/86	0	1	
SAMO0096	No	81711	O-XYLENE IN THE WHOLE WATER SAMPLE MG/L	01/08/87-01/08/87	0	1	
SAMO0139	No	81711	O-XYLENE IN THE WHOLE WATER SAMPLE MG/L	01/29/87-01/29/87	0	1	
SAMO0151	No	81711	O-XYLENE IN THE WHOLE WATER SAMPLE MG/L	12/11/86-12/11/86	0	1	
SAMO0161	No	81711	O-XYLENE IN THE WHOLE WATER SAMPLE MG/L	12/11/86-04/14/87	0	2	
SAMO0165	No	81711	O-XYLENE IN THE WHOLE WATER SAMPLE MG/L	04/14/87-04/14/87	0	1	
SAMO0166	No	81711	O-XYLENE IN THE WHOLE WATER SAMPLE MG/L	06/17/87-06/17/87	0	1	
SAMO0167	No	81711	O-XYLENE IN THE WHOLE WATER SAMPLE MG/L	06/17/87-06/17/87	0	1	
SAMO0174	No	81711	O-XYLENE IN THE WHOLE WATER SAMPLE MG/L	06/17/87-06/17/87	0	1	
SAMO0029	Yes	81757	CYANAZINE IN THE WHOLE WATER SAMPLE UG/L	01/02/82-08/03/88	6	11	
SAMO0032	Yes	81757	CYANAZINE IN THE WHOLE WATER SAMPLE UG/L	02/01/86-02/01/86	0	1	
SAMO0054	Yes	81757	CYANAZINE IN THE WHOLE WATER SAMPLE UG/L	02/01/86-02/01/86	0	1	
SAMO0059	Yes	81757	CYANAZINE IN THE WHOLE WATER SAMPLE UG/L	01/01/82-08/04/88	6	4	
SAMO0066	Yes	81757	CYANAZINE IN THE WHOLE WATER SAMPLE UG/L	08/03/88-08/03/88	0	1	
SAMO0069	Yes	81757	CYANAZINE IN THE WHOLE WATER SAMPLE UG/L	01/02/82-08/02/88	6	11	
SAMO0084	Yes	81757	CYANAZINE IN THE WHOLE WATER SAMPLE UG/L	01/02/82-03/18/82	0	2	
SAMO0086	Yes	81757	CYANAZINE IN THE WHOLE WATER SAMPLE UG/L	03/02/83-03/02/83	0	1	
SAMO0088	Yes	81757	CYANAZINE IN THE WHOLE WATER SAMPLE UG/L	08/02/88-08/02/88	0	1	
SAMO0092	Yes	81757	CYANAZINE IN THE WHOLE WATER SAMPLE UG/L	11/25/85-12/17/87	2	2	
SAMO0105	Yes	81757	CYANAZINE IN THE WHOLE WATER SAMPLE UG/L	03/10/86-03/10/86	0	1	
SAMO0127	Yes	81757	CYANAZINE IN THE WHOLE WATER SAMPLE UG/L	02/13/86-02/13/86	0	1	
SAMO0128	Yes	81757	CYANAZINE IN THE WHOLE WATER SAMPLE UG/L	02/13/86-02/13/86	0	1	
SAMO0131	Yes	81757	CYANAZINE IN THE WHOLE WATER SAMPLE UG/L	03/17/82-03/17/82	0	1	
SAMO0138	No	81757	CYANAZINE IN THE WHOLE WATER SAMPLE UG/L	03/17/82-03/17/82	0	1	
SAMO0141	No	81757	CYANAZINE IN THE WHOLE WATER SAMPLE UG/L	03/01/83-03/01/83	0	1	
SAMO0029	Yes	81886	PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	07/27/82-08/03/88	6	10	
SAMO0032	Yes	81886	PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	07/24/86-09/17/87	1	3	
SAMO0059	Yes	81886	PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	07/28/82-08/04/88	6	2	
SAMO0066	Yes	81886	PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	08/03/88-08/03/88	0	1	
SAMO0069	Yes	81886	PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	07/13/83-08/02/88	5	8	
SAMO0088	Yes	81886	PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	08/02/88-08/02/88	0	1	
SAMO0098	No	82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	09/02/93-09/02/93	0	1	
SAMO0102	No	82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	05/23/90-08/31/93	3	3	
SAMO0103	No	82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	05/23/90-08/31/93	3	3	
SAMO0109	No	82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	09/02/93-09/02/93	0	1	
SAMO0113	No	82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	09/01/93-09/01/93	0	1	
SAMO0120	No	82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	05/23/90-09/01/93	3	3	
SAMO0124	No	82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	07/10/90-07/10/90	0	1	
SAMO0130	No	82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	08/18/93-08/18/93	0	1	
SAMO0135	No	82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	07/10/90-07/10/90	0	1	
SAMO0153	No	82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	07/23/90-07/23/90	0	1	
SAMO0102	No	82084	NITROGEN-15/NITROGEN-14 STABLE ISOTOPE RATIO/MIL	09/05/90-09/05/90	0	1	
SAMO0103	No	82084	NITROGEN-15/NITROGEN-14 STABLE ISOTOPE RATIO/MIL	09/05/90-09/05/90	0	1	
SAMO0124	No	82084	NITROGEN-15/NITROGEN-14 STABLE ISOTOPE RATIO/MIL	07/10/90-07/10/90	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

# Station/Parameter Period of Record Tabulation From 01/01/01 To 09/02/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
SAMO0135	No	82084	NITROGEN-15/NITROGEN-14 STABLE ISOTOPE RATIO/MIL	07/10/90-07/10/90	0	1	
SAMO0098	No	82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	09/02/93-09/02/93	0	1	
SAMO0102	No	82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	05/23/90-08/31/93	3	3	
SAMO0103	No	82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	05/23/90-08/31/93	3	3	
SAMO0109	No	82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	09/02/93-09/02/93	0	1	
SAMO0113	No	82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	09/01/93-09/01/93	0	1	
SAMO0120	No	82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	05/23/90-09/01/93	3	3	
SAMO0124	No	82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	07/10/90-07/10/90	0	1	
SAMO0130	No	82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	08/18/93-08/18/93	0	1	
SAMO0135	No	82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	07/10/90-07/10/90	0	1	
SAMO0153	No	82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	07/23/90-07/23/90	0	1	
SAMO0029	Yes	82184	AMETRYNE (GESAPAX OR EVIK) TOTAL UG/L	01/02/82-08/03/88	6	11	
SAMO0032	Yes	82184	AMETRYNE (GESAPAX OR EVIK) TOTAL UG/L	02/01/86-02/01/86	0	1	
SAMO0054	Yes	82184	AMETRYNE (GESAPAX OR EVIK) TOTAL UG/L	02/01/86-02/01/86	0	1	
SAMO0059	Yes	82184	AMETRYNE (GESAPAX OR EVIK) TOTAL UG/L	01/01/82-08/04/88	6	4	
SAMO0066	Yes	82184	AMETRYNE (GESAPAX OR EVIK) TOTAL UG/L	08/03/88-08/03/88	0	1	
SAMO0069	Yes	82184	AMETRYNE (GESAPAX OR EVIK) TOTAL UG/L	01/02/82-08/02/88	6	11	
SAMO0084	Yes	82184	AMETRYNE (GESAPAX OR EVIK) TOTAL UG/L	01/02/82-03/18/82	0	2	
SAMO0086	Yes	82184	AMETRYNE (GESAPAX OR EVIK) TOTAL UG/L	03/02/83-03/02/83	0	1	
SAMO0088	Yes	82184	AMETRYNE (GESAPAX OR EVIK) TOTAL UG/L	08/02/88-08/02/88	0	1	
SAMO0092	Yes	82184	AMETRYNE (GESAPAX OR EVIK) TOTAL UG/L	11/25/85-12/17/87	2	2	
SAMO0105	Yes	82184	AMETRYNE (GESAPAX OR EVIK) TOTAL UG/L	03/10/86-03/10/86	0	1	
SAMO0127	Yes	82184	AMETRYNE (GESAPAX OR EVIK) TOTAL UG/L	02/13/86-02/13/86	0	1	
SAMO0128	Yes	82184	AMETRYNE (GESAPAX OR EVIK) TOTAL UG/L	02/13/86-02/13/86	0	1	
SAMO0131	Yes	82184	AMETRYNE (GESAPAX OR EVIK) TOTAL UG/L	03/17/82-03/17/82	0	1	
SAMO0138	No	82184	AMETRYNE (GESAPAX OR EVIK) TOTAL UG/L	03/17/82-03/17/82	0	1	
SAMO0141	No	82184	AMETRYNE (GESAPAX OR EVIK) TOTAL UG/L	03/01/83-03/01/83	0	1	
SAMO0029	Yes	82185	ATRATON (GESTAMIN) TOTAL UG/L	01/02/82-05/30/84	2	6	
SAMO0059	Yes	82185	ATRATON (GESTAMIN) TOTAL UG/L	01/01/82-07/28/82	0	3	
SAMO0069	Yes	82185	ATRATON (GESTAMIN) TOTAL UG/L	01/02/82-05/30/84	2	6	
SAMO0084	Yes	82185	ATRATON (GESTAMIN) TOTAL UG/L	01/02/82-03/18/82	0	2	
SAMO0086	Yes	82185	ATRATON (GESTAMIN) TOTAL UG/L	03/02/83-03/02/83	0	1	
SAMO0131	Yes	82185	ATRATON (GESTAMIN) TOTAL UG/L	03/17/82-03/17/82	0	1	
SAMO0138	No	82185	ATRATON (GESTAMIN) TOTAL UG/L	03/17/82-03/17/82	0	1	
SAMO0141	No	82185	ATRATON (GESTAMIN) TOTAL UG/L	03/01/83-03/01/83	0	1	
SAMO0029	Yes	82187	CYPRAZINE TOTAL UG/L	01/02/82-05/30/84	2	6	
SAMO0059	Yes	82187	CYPRAZINE TOTAL UG/L	01/01/82-07/28/82	0	3	
SAMO0069	Yes	82187	CYPRAZINE TOTAL UG/L	01/02/82-05/30/84	2	6	
SAMO0084	Yes	82187	CYPRAZINE TOTAL UG/L	01/02/82-03/18/82	0	2	
SAMO0086	Yes	82187	CYPRAZINE TOTAL UG/L	03/02/83-03/02/83	0	1	
SAMO0131	Yes	82187	CYPRAZINE TOTAL UG/L	03/17/82-03/17/82	0	1	
SAMO0138	No	82187	CYPRAZINE TOTAL UG/L	03/17/82-03/17/82	0	1	
SAMO0141	No	82187	CYPRAZINE TOTAL UG/L	03/01/83-03/01/83	0	1	
SAMO0029	Yes	82188	SIMETONE TOTAL UG/L	01/02/82-05/30/84	2	5	
SAMO0059	Yes	82188	SIMETONE TOTAL UG/L	01/01/82-07/28/82	0	3	
SAMO0069	Yes	82188	SIMETONE TOTAL UG/L	01/02/82-05/30/84	2	6	
SAMO0084	Yes	82188	SIMETONE TOTAL UG/L	01/02/82-03/18/82	0	2	
SAMO0086	Yes	82188	SIMETONE TOTAL UG/L	03/02/83-03/02/83	0	1	
SAMO0131	Yes	82188	SIMETONE TOTAL UG/L	03/17/82-03/17/82	0	1	
SAMO0138	No	82188	SIMETONE TOTAL UG/L	03/17/82-03/17/82	0	1	
SAMO0141	No	82188	SIMETONE TOTAL UG/L	03/01/83-03/01/83	0	1	
SAMO0029	Yes	82398	SAMPLING METHOD (CODES)	05/30/84-08/03/88	4	11	
SAMO0032	Yes	82398	SAMPLING METHOD (CODES)	05/30/84-08/03/88	4	9	
SAMO0054	Yes	82398	SAMPLING METHOD (CODES)	05/30/84-02/01/86	1	4	
SAMO0059	Yes	82398	SAMPLING METHOD (CODES)	08/04/88-08/04/88	0	1	
SAMO0066	Yes	82398	SAMPLING METHOD (CODES)	12/17/87-08/03/88	0	2	
SAMO0069	Yes	82398	SAMPLING METHOD (CODES)	05/30/84-08/02/88	4	10	
SAMO0086	Yes	82398	SAMPLING METHOD (CODES)	02/17/86-02/17/86	0	1	
SAMO0087	Yes	82398	SAMPLING METHOD (CODES)	05/31/84-08/29/84	0	4	
SAMO0088	Yes	82398	SAMPLING METHOD (CODES)	07/24/84-08/02/88	4	3	
SAMO0092	Yes	82398	SAMPLING METHOD (CODES)	11/25/85-12/17/87	2	3	
SAMO0098	No	82398	SAMPLING METHOD (CODES)	09/02/93-09/02/93	0	1	
SAMO0102	No	82398	SAMPLING METHOD (CODES)	05/23/90-08/31/93	3	3	
SAMO0103	No	82398	SAMPLING METHOD (CODES)	05/23/90-09/05/90	0	2	
SAMO0105	Yes	82398	SAMPLING METHOD (CODES)	03/10/86-03/10/86	0	1	
SAMO0109	No	82398	SAMPLING METHOD (CODES)	09/02/93-09/02/93	0	1	
SAMO0113	No	82398	SAMPLING METHOD (CODES)	09/01/93-09/01/93	0	1	
SAMO0120	No	82398	SAMPLING METHOD (CODES)	05/23/90-09/01/93	3	3	
SAMO0124	No	82398	SAMPLING METHOD (CODES)	07/10/90-07/10/90	0	1	
SAMO0127	Yes	82398	SAMPLING METHOD (CODES)	02/13/86-02/13/86	0	1	
SAMO0128	Yes	82398	SAMPLING METHOD (CODES)	02/13/86-02/13/86	0	1	
SAMO0131	Yes	82398	SAMPLING METHOD (CODES)	02/13/86-02/13/86	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation  
From 01/01/01 To 09/02/93**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
SAMO0135	No	82398	SAMPLING METHOD (CODES)	07/10/90-07/10/90	0	1	
SAMO0138	No	82398	SAMPLING METHOD (CODES)	02/13/86-03/10/86	0	2	
SAMO0141	No	82398	SAMPLING METHOD (CODES)	03/10/86-03/10/86	0	1	
SAMO0142	Yes	82398	SAMPLING METHOD (CODES)	03/10/86-03/10/86	0	1	
SAMO0029	Yes	82611	METRIBUZIN, WHOLE WATER, TOTAL RECOVERABLE UG/L	08/03/88-08/03/88	0	1	
SAMO0059	Yes	82611	METRIBUZIN, WHOLE WATER, TOTAL RECOVERABLE UG/L	08/04/88-08/04/88	0	1	
SAMO0066	Yes	82611	METRIBUZIN, WHOLE WATER, TOTAL RECOVERABLE UG/L	08/03/88-08/03/88	0	1	
SAMO0069	Yes	82611	METRIBUZIN, WHOLE WATER, TOTAL RECOVERABLE UG/L	08/02/88-08/02/88	0	1	
SAMO0088	Yes	82611	METRIBUZIN, WHOLE WATER, TOTAL RECOVERABLE UG/L	08/02/88-08/02/88	0	1	
SAMO0092	Yes	82611	METRIBUZIN, WHOLE WATER, TOTAL RECOVERABLE UG/L	12/17/87-12/17/87	0	1	
SAMO0029	Yes	82612	METOLACHLOR, WHOLE WATER, TOTAL RECOVERABLE UG/L	08/03/88-08/03/88	0	1	
SAMO0059	Yes	82612	METOLACHLOR, WHOLE WATER, TOTAL RECOVERABLE UG/L	08/04/88-08/04/88	0	1	
SAMO0066	Yes	82612	METOLACHLOR, WHOLE WATER, TOTAL RECOVERABLE UG/L	08/03/88-08/03/88	0	1	
SAMO0069	Yes	82612	METOLACHLOR, WHOLE WATER, TOTAL RECOVERABLE UG/L	08/02/88-08/02/88	0	1	
SAMO0088	Yes	82612	METOLACHLOR, WHOLE WATER, TOTAL RECOVERABLE UG/L	08/02/88-08/02/88	0	1	
SAMO0092	Yes	82612	METOLACHLOR, WHOLE WATER, TOTAL RECOVERABLE UG/L	12/17/87-12/17/87	0	1	
SAMO0032	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	02/01/86-09/17/87	1	2	
SAMO0054	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	02/01/86-02/01/86	0	1	
SAMO0084	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	07/14/83-07/14/83	0	1	
SAMO0085	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	02/23/82-02/23/82	0	1	
SAMO0088	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	08/29/84-08/29/84	0	1	
SAMO0090	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	07/23/86-07/23/86	0	1	
SAMO0091	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	08/05/88-08/05/88	0	1	
SAMO0102	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	08/31/93-08/31/93	0	1	
SAMO0127	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	03/10/86-03/10/86	0	1	
SAMO0131	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	02/13/86-02/13/86	0	1	
SAMO0138	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	03/10/86-03/10/86	0	1	
SAMO0141	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	03/10/86-03/10/86	0	1	
SAMO0153	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	07/23/90-07/23/90	0	1	
SAMO0032	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	02/01/86-09/17/87	1	2	
SAMO0054	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	02/01/86-02/01/86	0	1	
SAMO0084	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	07/14/83-07/14/83	0	1	
SAMO0085	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	02/23/82-02/23/82	0	1	
SAMO0088	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	08/29/84-08/29/84	0	1	
SAMO0090	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	07/23/86-07/23/86	0	1	
SAMO0091	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	08/05/88-08/05/88	0	1	
SAMO0102	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	08/31/93-08/31/93	0	1	
SAMO0127	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	03/10/86-03/10/86	0	1	
SAMO0131	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	02/13/86-02/13/86	0	1	
SAMO0138	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	03/10/86-03/10/86	0	1	
SAMO0141	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	03/10/86-03/10/86	0	1	
SAMO0153	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	07/23/90-07/23/90	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot



## **Station-By-Station Results**



## Station Inventory for Station: SAMO0001

NPS Station ID: SAMO0001  
 Location: LOS ANGELES RIVER AT TUJUNGA AVE  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070105  
 Major Basin: LOS ANGELES AREA  
 Minor Basin: LOS ANGELES RIVER BASIN  
 RF1 Index: 18070105010  
 RF3 Index: 18070105001000.00

LAT/LON: 34.140837/-118.378616

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 13.140  
 RF3 Mile Point: 10.47

Agency: 21CAL-1  
 FIPS State/County: 06037 CALIFORNIA/LOS ANGELES  
 STORET Station ID(s): Z6136500 /4052105  
 Within Park Boundary: No

Date Created: 06/18/76

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 0.00  
 Distance from RF3: 0.04

On/Off RF1: ON  
 On/Off RF3:

### Description:

SURFACE WATER STATION; DATA MANAGER CODE: 3; AREAL CODE: ; BEGINNING OF RECORD: . ; ELEVATION: 575 ;  
 STATION NAME: LOS ANGELES RIVER AT TUJUNGA AVE ; DWR COUNTY CODE: 19; LATITUDE: 340827; LONGITUDE: 1182243;  
 CALIFORNIA COORDINATES:

## Parameter Inventory for Station: SAMO0001

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/05/67-10/01/71	18	17.	14.672	25.	4.5	37.875	6.154	5.85	7.	19.5	20.95
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/06/68-08/07/78	100	56.25	55.964	75.	33.	96.992	9.848	42.1	48.	65.	68.
00065 STAGE, STREAM (FEET)	04/02/65-04/02/65	1	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
00095p SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/51-08/07/78	130	1190.	1198.231	8950.	60.	573422.334	757.247	656.1	1035.	1360.	1488.
00300 OXYGEN, DISSOLVED MG/L	08/03/67-08/07/78	125	7.6	7.94	13.9	1.1	4.95	2.225	5.26	6.6	9.7	10.94
00310 BOD, 5 DAY, 20 DEG C MG/L	07/05/67-08/07/78	124	6.	8.998	64.	1.	77.465	8.801	3.	5.	9.	19.5
00335 COD, .025N K2CR2O7 MG/L	07/05/67-08/07/78	123	40.9	52.377	568.	0.	3972.566	63.028	14.	25.	60.	77.4
00400 PH (STANDARD UNITS)	02/05/75-02/05/75	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	02/05/75-02/05/75	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/05/75-02/05/75	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00403p PH, LAB, STANDARD UNITS SU	08/22/51-08/07/78	129	8.1	8.036	9.1	6.5	0.169	0.411	7.5	7.9	8.2	8.3
00403p CONVERTED PH, LAB, STANDARD UNITS	08/22/51-08/07/78	129	8.1	7.723	9.1	6.5	0.268	0.517	7.5	7.9	8.2	8.3
00403p MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/22/51-08/07/78	129	0.008	0.019	0.316	0.001	0.002	0.045	0.005	0.006	0.013	0.032
00410p ALKALINITY, TOTAL (MG/L AS CaCO3)	08/22/51-12/07/77	117	213.	203.667	287.	10.	2525.172	50.251	128.2	183.	239.	257.2
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/12/67-03/05/70	2	506.5	506.5	1000.	13.	487084.5	697.914	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/05/67-08/07/78	122	0.	0.227	4.12	0.	0.391	0.625	0.	0.	0.118	0.855
00618 NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/04/72-08/07/78	61	1.29	1.591	7.02	0.	2.303	1.518	0.	0.315	2.45	3.536
00900p HARDNESS, TOTAL (MG/L AS CaCO3)	08/22/51-03/03/77	110	412.	408.518	1020.	16.	17139.188	130.917	226.3	357.5	481.25	526.5
00915p CALCIUM, DISSOLVED (MG/L AS Ca)	08/22/51-03/03/77	110	107.5	104.378	188.	4.2	828.847	28.79	64.03	91.5	123.25	133.9
00925p MAGNESIUM, DISSOLVED (MG/L AS MG)	08/22/51-03/03/77	110	36.05	35.869	179.	1.2	339.1	18.415	16.74	27.675	43.	49.09
00930p SODIUM, DISSOLVED (MG/L AS Na)	08/22/51-03/03/77	110	101.5	108.79	1490.	4.2	18565.626	136.256	52.22	86.575	112.75	131.7
00935p POTASSIUM, DISSOLVED (MG/L AS K)	08/22/51-03/03/77	110	7.	7.549	64.	2.	35.207	5.934	4.41	5.475	8.5	10.1
00941p CHLORIDE, DISSOLVED IN WATER MG/L	08/22/51-08/07/78	125	91.	109.144	2620.	7.	52520.415	229.173	45.6	68.	104.5	141.8
00946p SULFATE, DISSOLVED (MG/L AS SO4)	08/22/51-08/07/78	125	289.	273.182	633.	16.7	9369.782	96.798	143.6	219.5	329.	379.4
00950 FLUORIDE, DISSOLVED (MG/L AS F)	08/22/51-04/02/65	2	0.35	0.35	0.4	0.3	0.005	0.071	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	08/22/51-08/22/51	1	33.	33.	33.	33.	0.	0.	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	08/22/51-04/02/65	2	220.	220.	340.	100.	28800.	169.706	**	**	**	**
39036 ALKALINITY,FILTERED SAMPLE AS CaCO3 MG/L	03/03/77-03/03/77	1	244.	244.	244.	244.	0.	0.	**	**	**	**
39340 GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	05/02/77-05/02/77	1	0.011	0.011	0.011	0.011	0.	0.	**	**	**	**
39365 DDE IN WHOLE WATER SAMPLE (UG/L)	05/02/77-05/02/77	1	0.011	0.011	0.011	0.011	0.	0.	**	**	**	**
39420 HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	05/02/77-05/02/77	1	0.011	0.011	0.011	0.011	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: SAMO0001

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/02/65-08/07/78	16	802.5	696.313	1044.	73.	86787.829	294.598	96.8	494.75	910.5	992.2
70301 SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/05/67-09/03/76	66	782.	751.591	1322.	208.	37317.969	193.179	499.5	642.75	868.	957.9
70507 PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/07/74-08/07/78	47	0.1	0.386	4.27	0.	0.775	0.88	0.02	0.046	0.3	0.528
71851p NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/22/51-08/07/78	129	8.4	8.978	36.	0.	47.329	6.88	0.	4.1	12.45	17.9
71890 MERCURY, DISSOLVED (UG/L AS HG)	04/01/71-04/01/71	1	10.	10.	10.	10.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0001

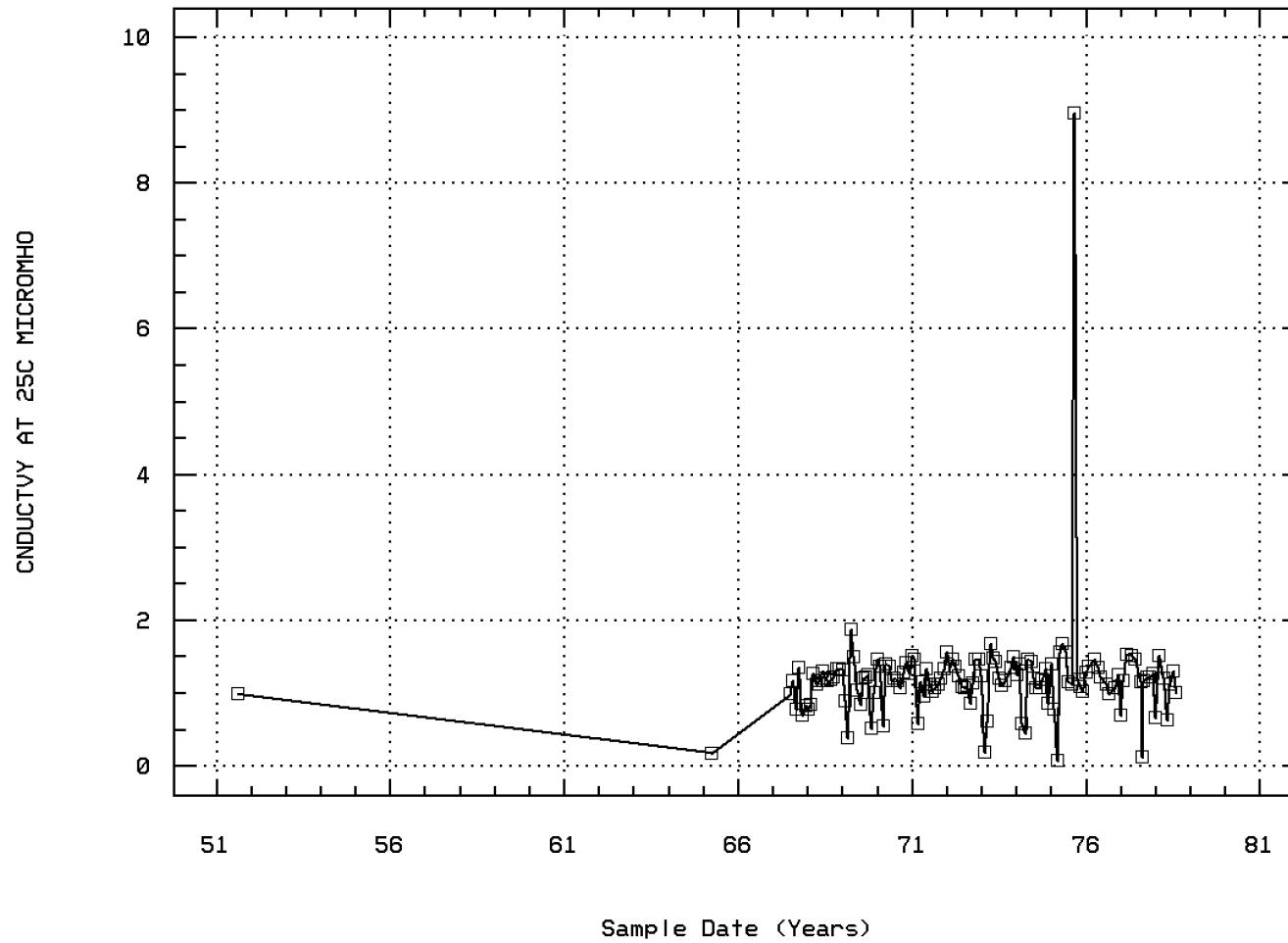
Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	125	4	0.03	53	4	0.08	42	0	0.00	30	0	0.00			
00400 PH	Other-Hi Lim.	9.	1	0	0.00				1	0	0.00						
	Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00403 PH, LAB	Other-Hi Lim.	9.	129	1	0.01	54	1	0.02	44	0	0.00	31	0	0.00			
	Other-Lo Lim.	6.5	129	1	0.01	54	1	0.02	44	0	0.00	31	0	0.00			
00618 NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	61	0	0.00	25	0	0.00	21	0	0.00	15	0	0.00			
00941 CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	125	1	0.01	51	1	0.02	43	0	0.00	31	0	0.00			
	Drinking Water	250.	125	1	0.01	51	1	0.02	43	0	0.00	31	0	0.00			
00946 SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	125	81	0.65	51	30	0.59	43	31	0.72	31	20	0.65			
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00	1	0	0.00				1	0	0.00			
39340 GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	1	0	0.00							1	0	0.00			
	Drinking Water	0.2	1	0	0.00							1	0	0.00			
39365 DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	1	0	0.00							1	0	0.00			
39420 HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	1	0	0.00							1	0	0.00			
	Drinking Water	0.2	1	0	0.00							1	0	0.00			
71851 NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	129	0	0.00	55	0	0.00	43	0	0.00	31	0	0.00			
71890 MERCURY, DISSOLVED	Fresh Acute	2.4	1	1	1.00							1	1	1.00			
	Drinking Water	2.	1	1	1.00							1	1	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station: SAM00001 Parameter Code: 00095

SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)

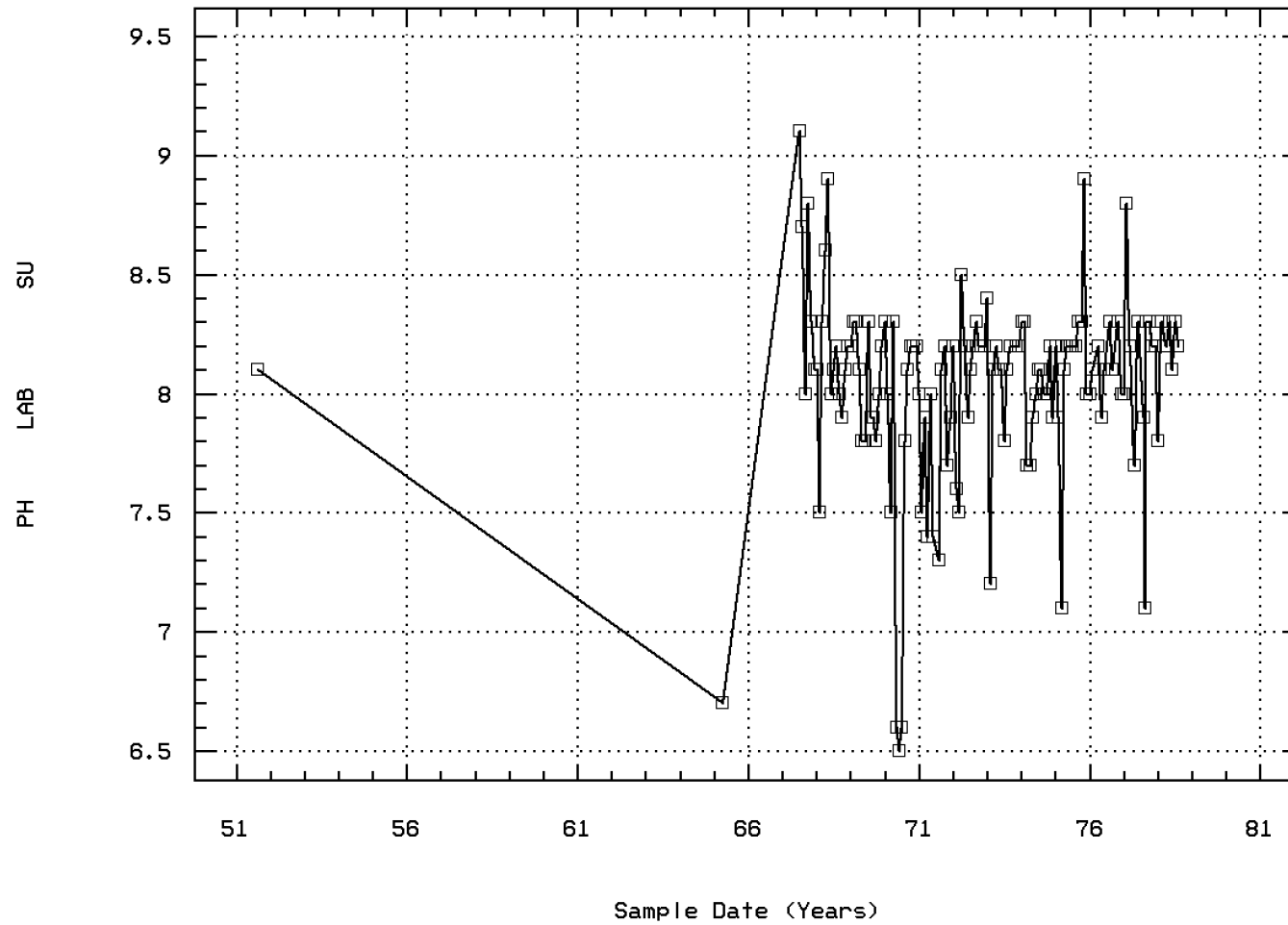
(X 1000)



LOS ANGELES RIVER AT TUJUNGA AVE

Station: SAM00001 Parameter Code: 00403

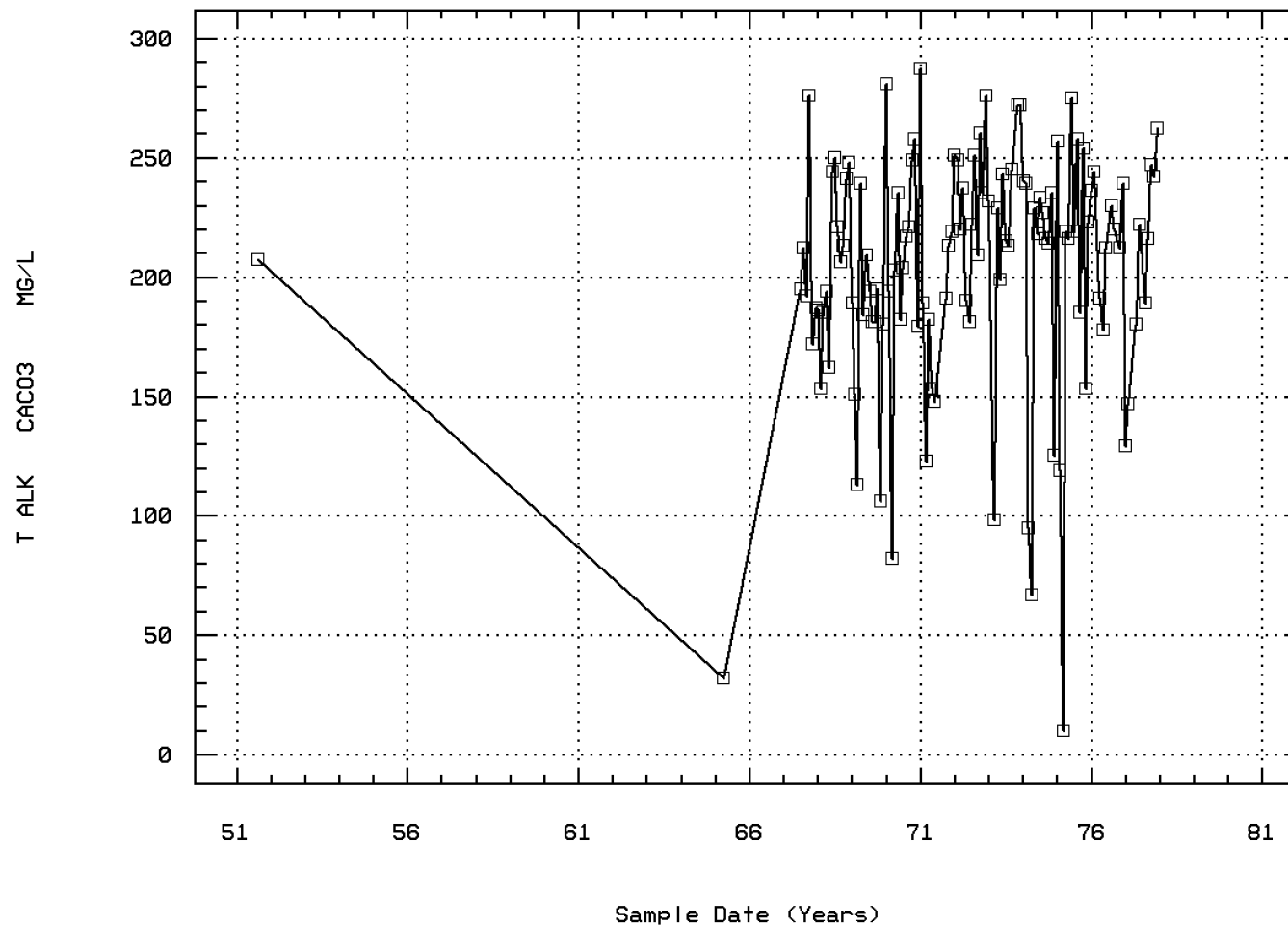
PH, LAB, STANDARD UNITS



LOS ANGELES RIVER AT TUJUNGA AVE

Station: SAM00001 Parameter Code: 00410

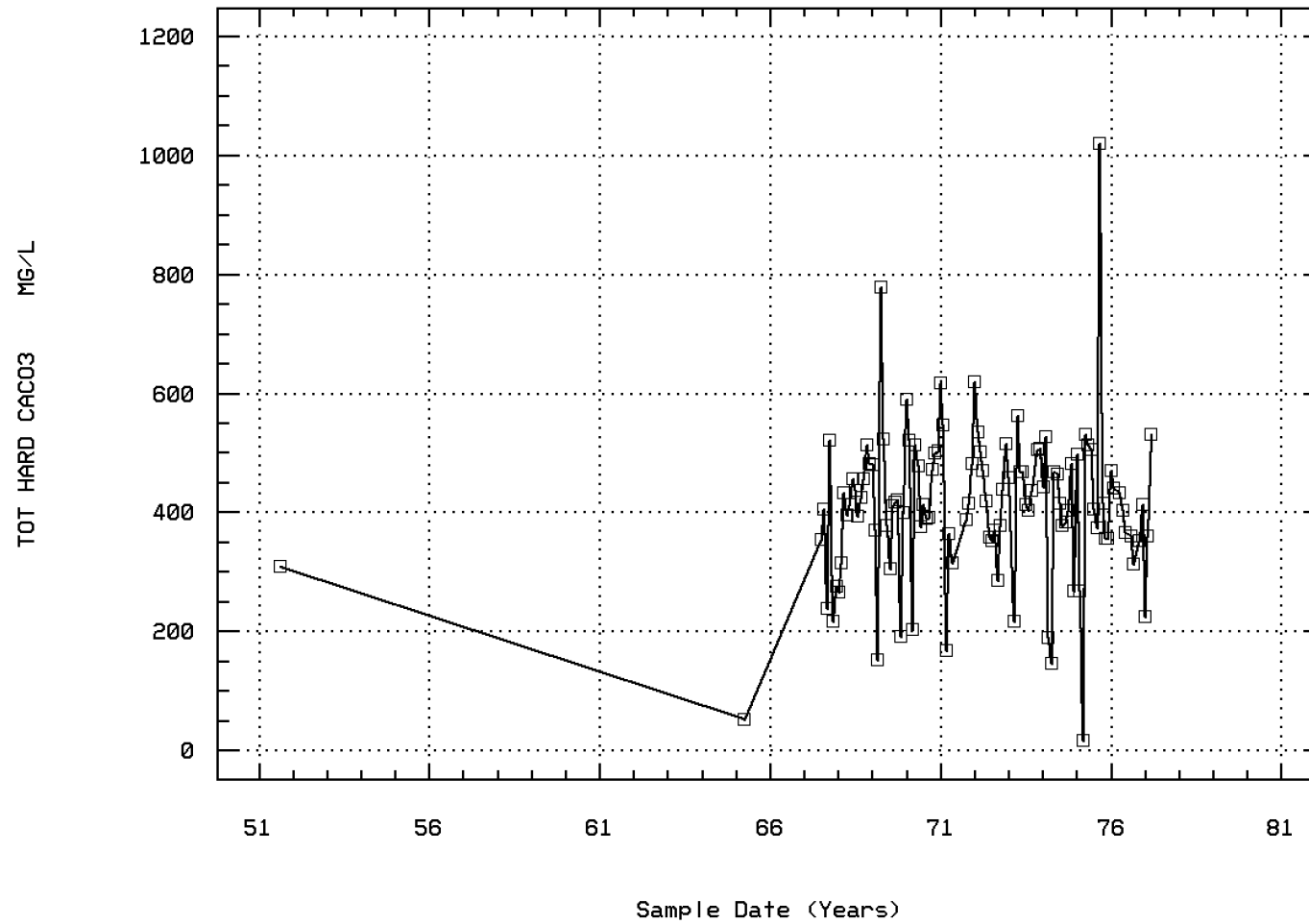
ALKALINITY, TOTAL (MG/L AS CaCO3)



LOS ANGELES RIVER AT TUJUNGA AVE

Station: SAM00001 Parameter Code: 00900

HARDNESS, TOTAL (MG/L AS CaCO3)

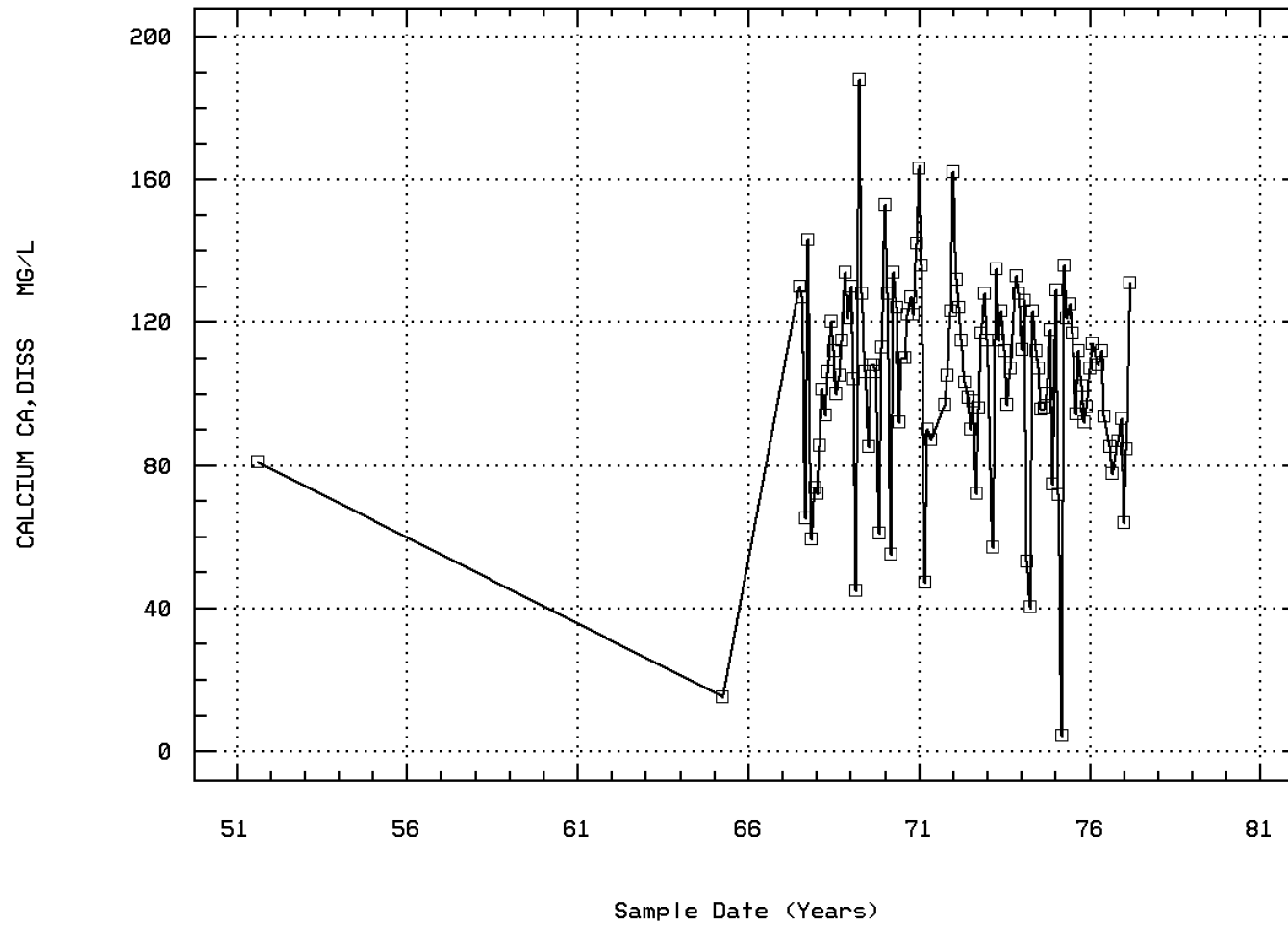


LOS ANGELES RIVER AT TUJUNGA AVE



Station: SAM00001 Parameter Code: 00915

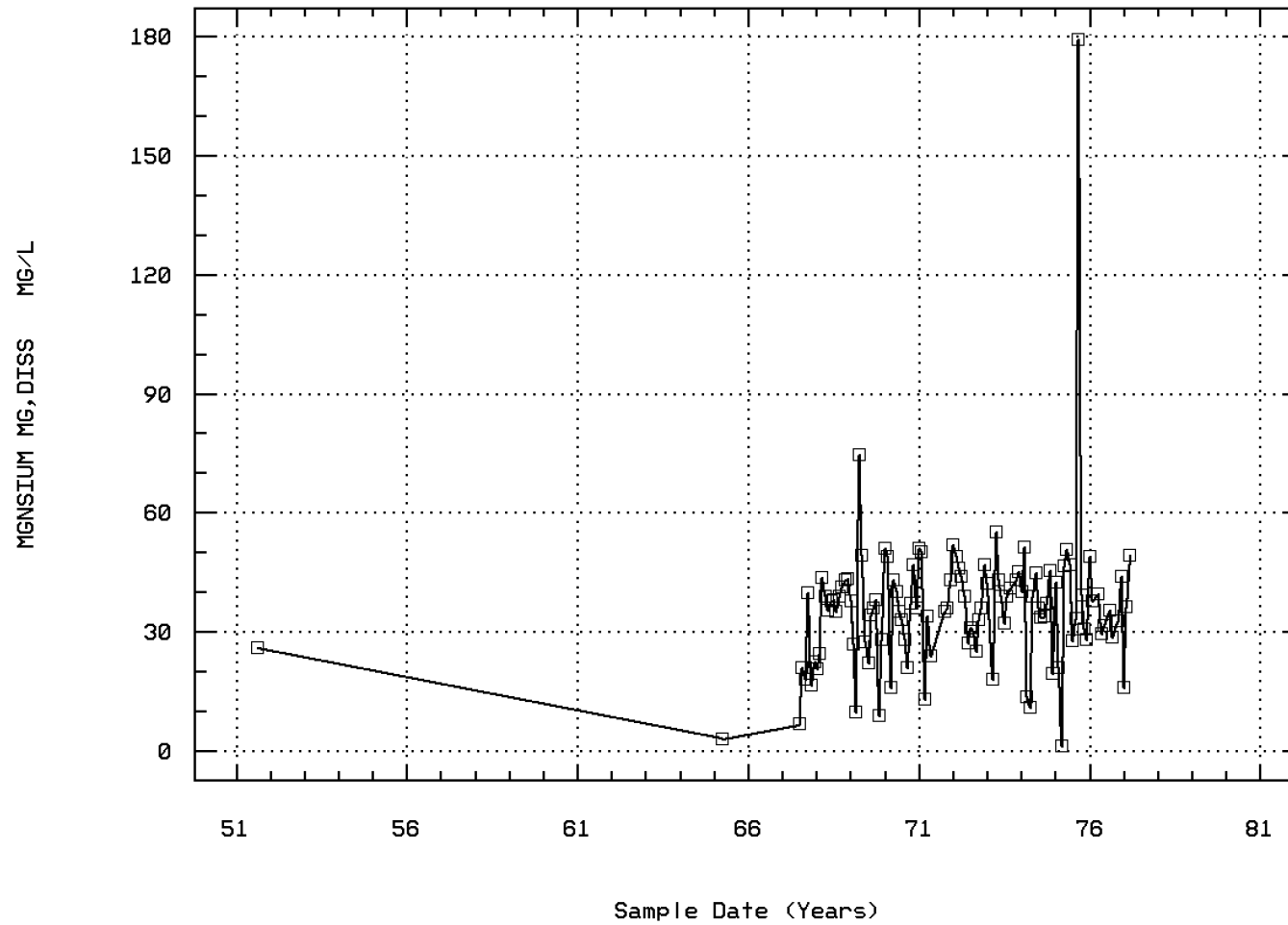
CALCIUM, DISSOLVED (MG/L AS CA)



LOS ANGELES RIVER AT TUJUNGA AVE

Station: SAM00001 Parameter Code: 00925

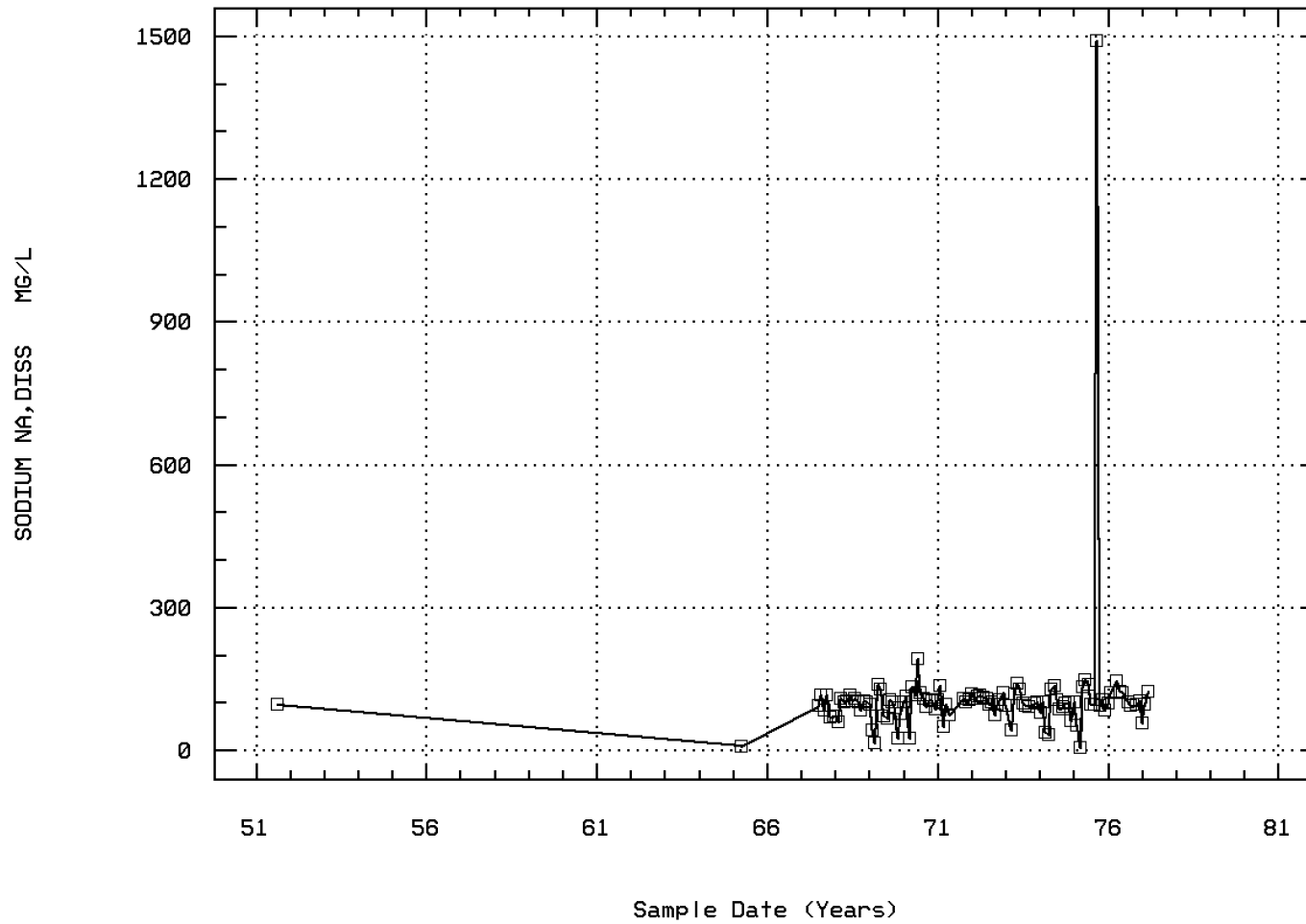
MAGNESIUM, DISSOLVED (MG/L AS MG)



LOS ANGELES RIVER AT TUJUNGA AVE

Station: SAM00001 Parameter Code: 00930

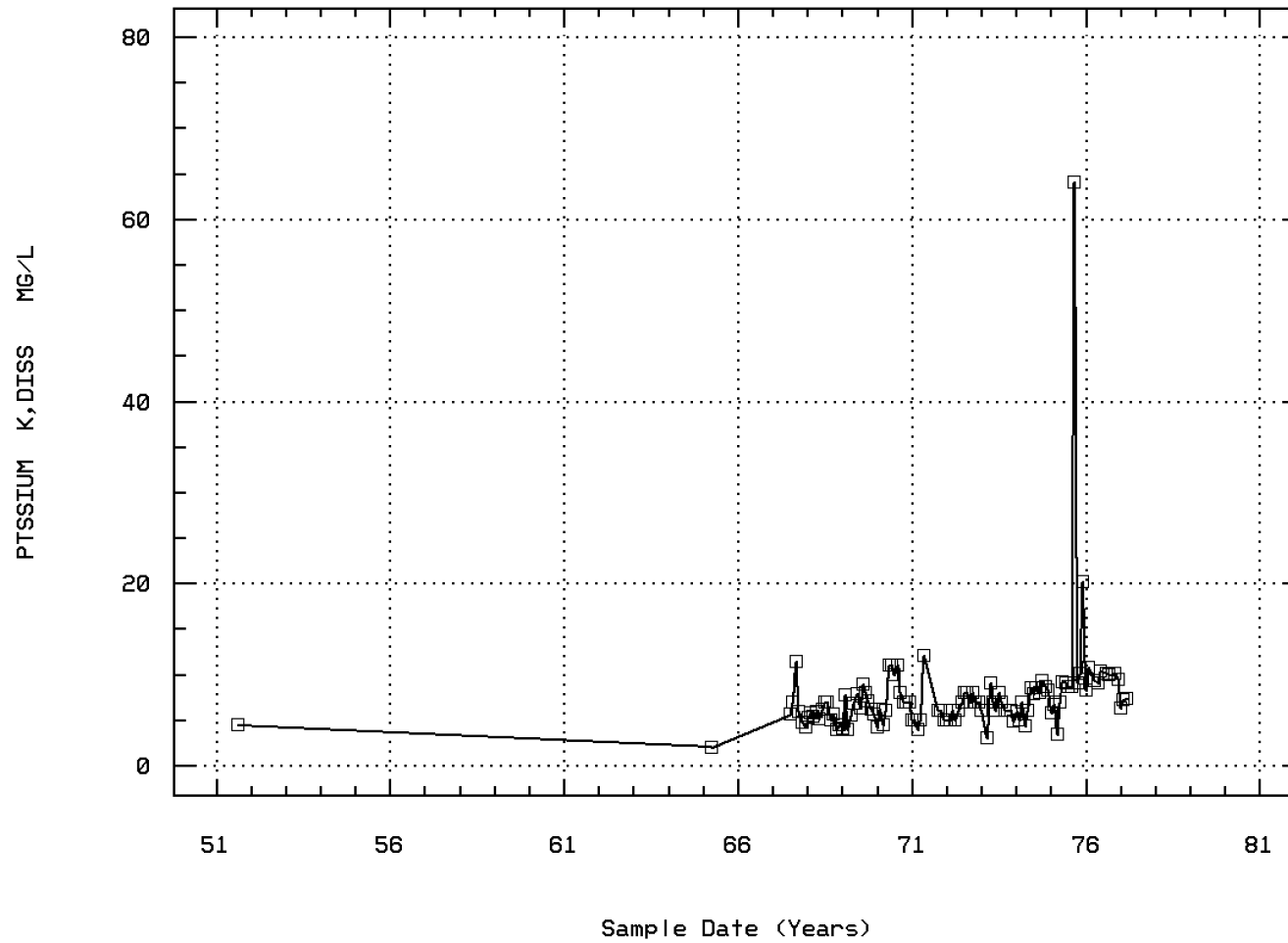
SODIUM, DISSOLVED (MG/L AS NA)



LOS ANGELES RIVER AT TUJUNGA AVE

Station: SAM00001 Parameter Code: 00935

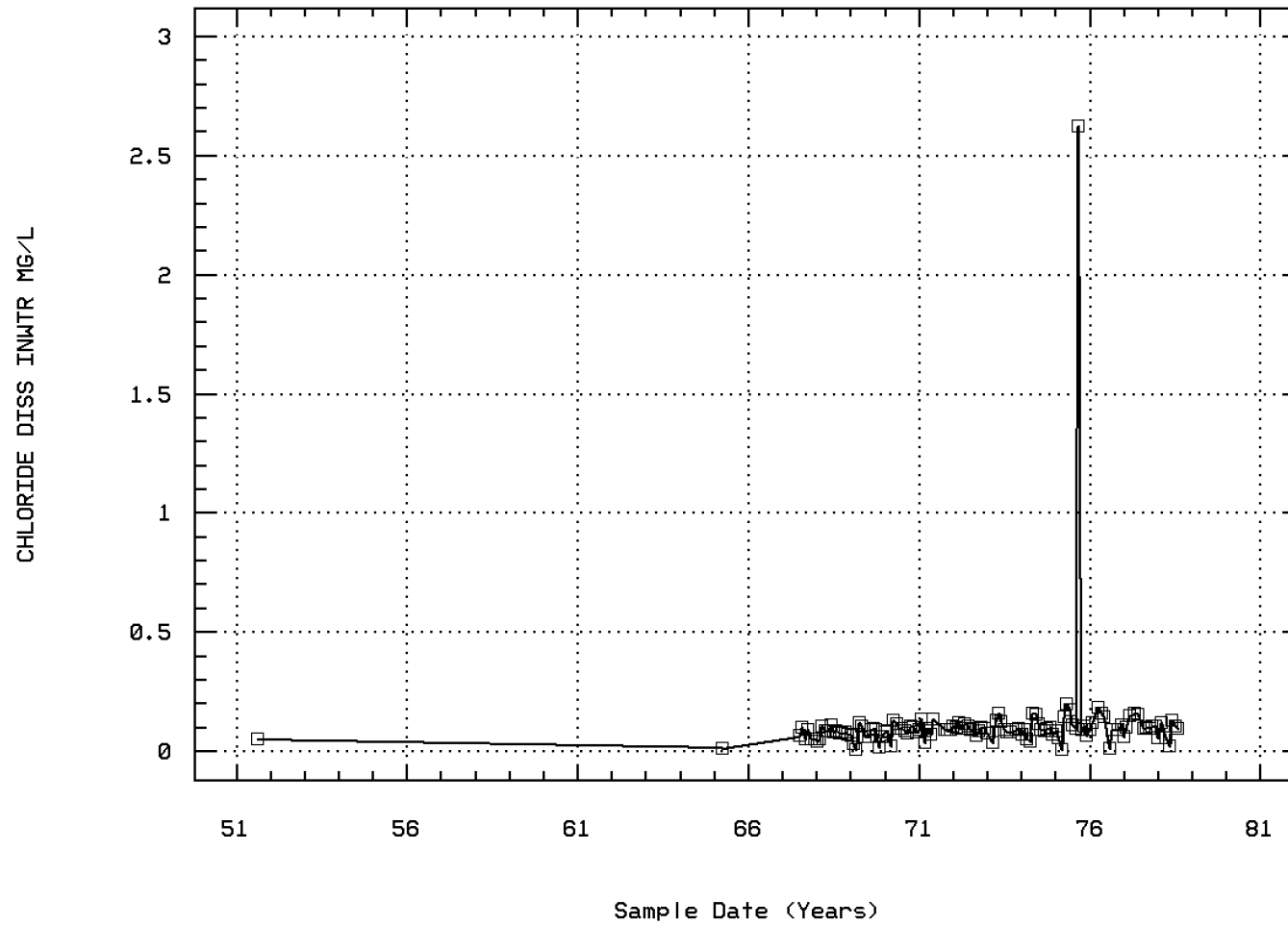
POTASSIUM, DISSOLVED (MG/L AS K)



LOS ANGELES RIVER AT TUJUNGA AVE

Station: SAM00001 Parameter Code: 00941

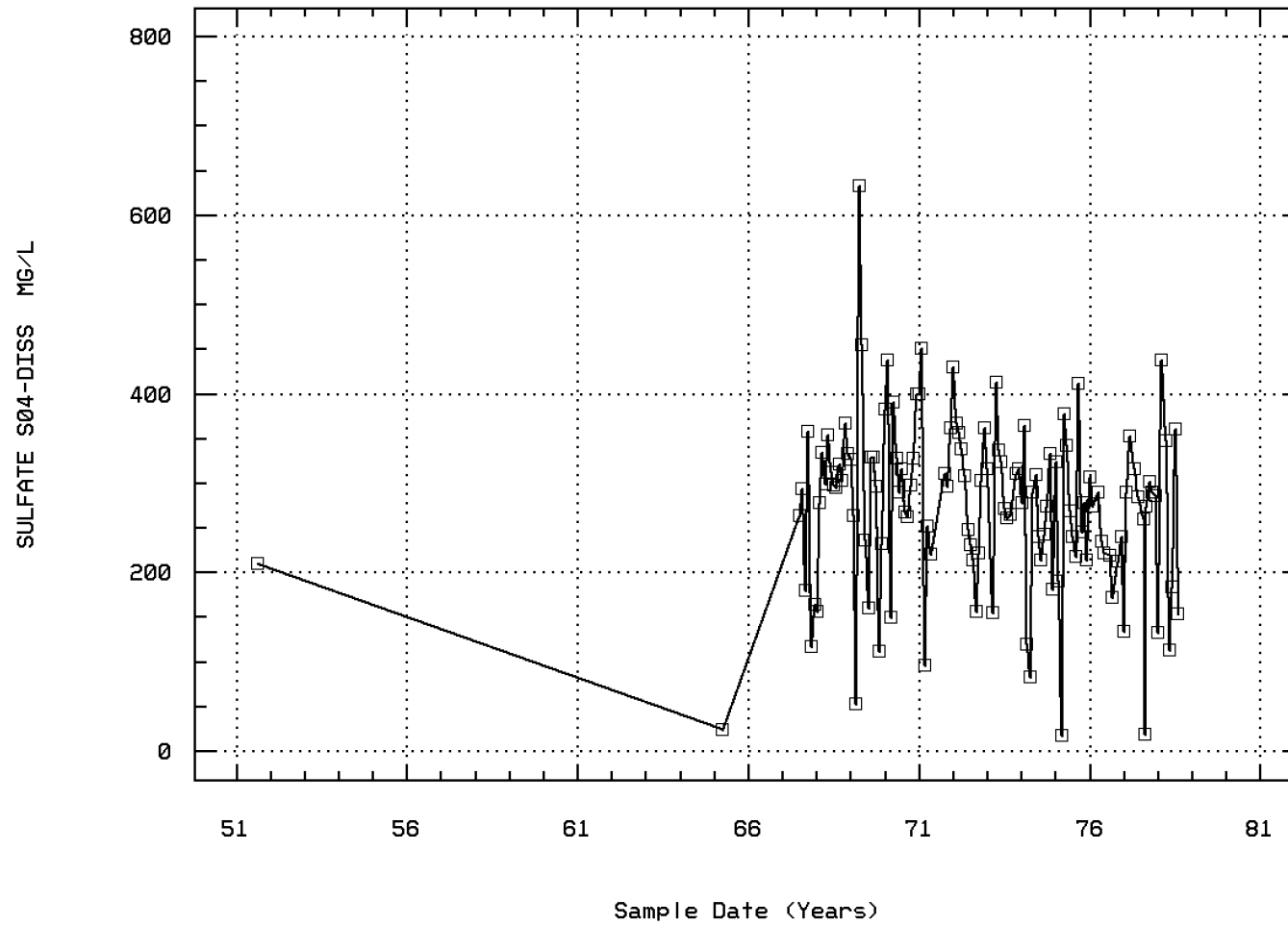
(X 1000)  
CHLORIDE, DISSOLVED IN WATER



LOS ANGELES RIVER AT TUJUNGA AVE

Station: SAM00001 Parameter Code: 00946

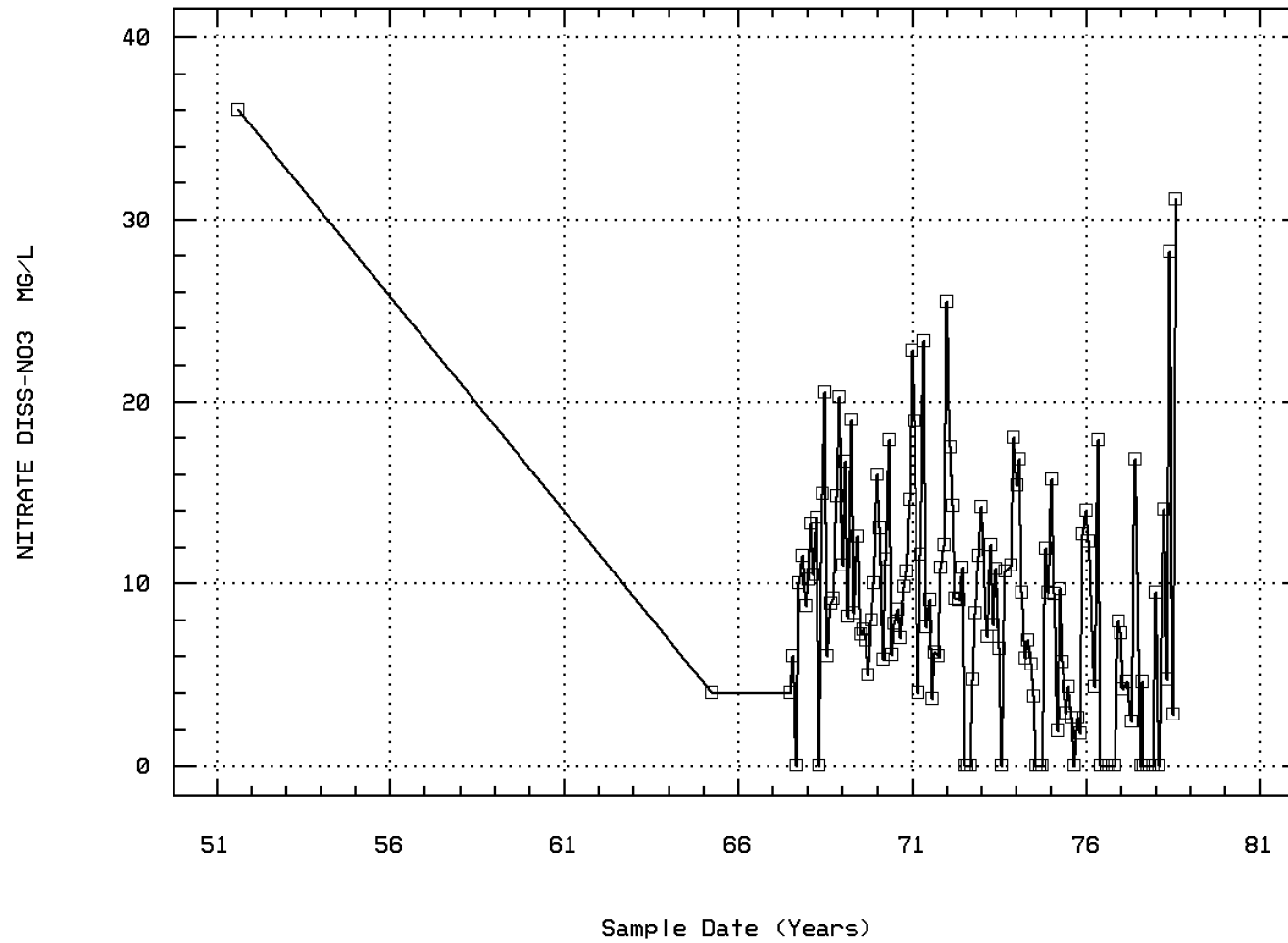
SULFATE, DISSOLVED (MG/L AS SO<sub>4</sub>)



LOS ANGELES RIVER AT TUJUNGA AVE

Station: SAM00001 Parameter Code: 71851

NITRATE NITROGEN, DISSOLVED (MG/L AS NO



LOS ANGELES RIVER AT TUJUNGA AVE

### Annual Analysis for 1951 - Station SAMO0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/51-08/07/78	1	977.	977.	977.	977.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/22/51-08/07/78	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/22/51-08/07/78	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/22/51-08/07/78	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/22/51-12/07/77	1	207.	207.	207.	207.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	08/22/51-03/03/77	1	309.	309.	309.	309.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	08/22/51-03/03/77	1	81.	81.	81.	81.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	08/22/51-03/03/77	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	08/22/51-03/03/77	1	97.	97.	97.	97.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/51-03/03/77	1	4.5	4.5	4.5	4.5	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/22/51-08/07/78	1	50.	50.	50.	50.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/22/51-08/07/78	1	209.	209.	209.	209.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/22/51-08/07/78	1	36.	36.	36.	36.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1965 - Station SAMO0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/51-08/07/78	1	161.	161.	161.	161.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/22/51-08/07/78	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/22/51-08/07/78	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/22/51-08/07/78	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/22/51-12/07/77	1	32.	32.	32.	32.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	08/22/51-03/03/77	1	51.	51.	51.	51.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	08/22/51-03/03/77	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	08/22/51-03/03/77	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	08/22/51-03/03/77	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/51-03/03/77	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/22/51-08/07/78	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/22/51-08/07/78	1	24.	24.	24.	24.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/22/51-08/07/78	1	4.	4.	4.	4.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1967 - Station SAMO0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/51-08/07/78	6	903.5	965.833	1350.	695.	64042.967	253.067	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/03/67-08/07/78	5	7.9	8.16	10.8	4.7	6.178	2.486	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	07/05/67-08/07/78	6	5.3	14.633	64.	2.9	586.091	24.209	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	07/05/67-08/07/78	6	39.4	77.683	322.	8.4	14605.334	120.853	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/22/51-08/07/78	6	8.5	8.5	9.1	8.	0.188	0.434	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/22/51-08/07/78	6	8.455	8.342	9.1	8.	0.218	0.467	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/22/51-08/07/78	6	0.004	0.005	0.01	0.001	0.	0.004	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/22/51-12/07/77	6	193.5	205.667	276.	172.	1353.867	36.795	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/05/67-08/07/78	6	0.5	0.8	2.8	0.	1.2	1.095	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	08/22/51-03/03/77	6	314.5	334.5	520.	216.	13271.9	115.204	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	08/22/51-03/03/77	6	100.25	99.65	143.	59.2	1408.903	37.535	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	08/22/51-03/03/77	6	19.5	20.75	39.7	6.9	115.635	10.753	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	08/22/51-03/03/77	6	88.5	91.083	115.	68.5	426.242	20.646	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/51-03/03/77	6	5.75	6.467	11.4	4.2	6.791	2.606	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/22/51-08/07/78	6	58.	67.167	99.	48.	498.567	22.329	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/22/51-08/07/78	6	221.	228.833	357.	117.	8180.967	90.449	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/05/67-09/03/76	6	604.5	644.167	926.	431.	36805.367	191.847	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot



### Annual Analysis for 1967 - Station SAMO0001

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/22/51-08/07/78	6	7.4	6.717	11.5	0.	18.202	4.266	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1968 - Station SAMO0001

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/06/68-08/07/78	1	59.	59.	59.	59.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/51-08/07/78	12	1190.	1154.75	1330.	771.	31424.205	177.269	790.5	1125.	1282.5	1327.
00300 OXYGEN, DISSOLVED MG/L	08/03/67-08/07/78	12	10.05	9.708	13.9	6.2	7.568	2.751	6.29	6.85	12.	13.63
00310 BOD, 5 DAY, 20 DEG C MG/L	07/05/67-08/07/78	12	5.95	6.475	15.	3.	11.968	3.459	3.03	3.55	8.275	13.41
00335 COD, .025N K2CR2O7 MG/L	07/05/67-08/07/78	12	24.95	24.65	40.9	5.	122.321	11.06	7.55	15.05	33.175	40.15
00403 PH, LAB, STANDARD UNITS SU	08/22/51-08/07/78	12	8.1	8.158	8.9	7.5	0.121	0.348	7.62	8.	8.275	8.81
00403 CONVERTED PH, LAB, STANDARD UNITS	08/22/51-08/07/78	12	8.1	8.04	8.9	7.5	0.136	0.369	7.62	8.	8.275	8.81
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/22/51-08/07/78	12	0.008	0.009	0.032	0.001	0.	0.008	0.002	0.005	0.01	0.026
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	08/22/51-12/07/77	12	209.5	208.583	250.	153.	1117.538	33.43	155.7	185.25	243.25	249.4
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/05/67-08/07/78	12	0.	0.125	1.	0.	0.097	0.311	0.	0.	0.	0.85
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	08/22/51-03/03/77	12	428.5	414.833	513.	265.	4691.424	68.494	280.	392.75	456.	503.4
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	08/22/51-03/03/77	12	105.5	105.475	134.	72.	281.315	16.772	76.08	95.575	118.75	130.1
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	08/22/51-03/03/77	12	38.4	36.708	43.7	20.6	52.619	7.254	21.77	35.125	42.55	43.61
00930 SODIUM, DISSOLVED (MG/L AS Na)	08/22/51-03/03/77	12	102.5	96.	115.	58.	277.818	16.668	61.9	87.25	106.	112.6
00935 POTASSIUM, DISSOLVED (MG/L AS K)	08/22/51-03/03/77	12	5.55	5.567	7.	4.	0.817	0.904	4.15	5.025	6.125	7.
00941 CHLORIDE, DISSOLVED IN WATER MG/L	08/22/51-08/07/78	12	78.	77.333	107.	42.	362.788	19.047	43.8	69.25	85.75	106.1
00946 SULFATE, DISSOLVED (MG/L AS SO4)	08/22/51-08/07/78	12	307.5	303.917	366.	156.	2824.992	53.151	192.6	295.5	333.75	362.1
70301 SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/05/67-09/03/76	12	781.	762.	887.	489.	12380.545	111.268	523.8	755.	835.	878.6
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/22/51-08/07/78	12	11.9	11.842	20.5	0.	32.966	5.742	1.8	8.975	14.875	20.41

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1969 - Station SAMO0001

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/06/68-08/07/78	10	60.5	59.	68.	48.5	59.722	7.728	48.75	51.	66.5	68.
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/51-08/07/78	12	1115.	1077.667	1860.	370.	166522.242	408.071	410.2	848.5	1295.	1749.
00300 OXYGEN, DISSOLVED MG/L	08/03/67-08/07/78	12	8.	7.658	11.	1.1	7.946	2.819	2.15	6.65	9.8	11.
00310 BOD, 5 DAY, 20 DEG C MG/L	07/05/67-08/07/78	12	8.5	11.525	26.	1.4	79.878	8.937	1.88	3.35	19.75	25.7
00335 COD, .025N K2CR2O7 MG/L	07/05/67-08/07/78	12	37.	63.375	230.	8.5	4196.142	64.778	10.15	16.75	102.25	198.5
00403 PH, LAB, STANDARD UNITS SU	08/22/51-08/07/78	12	8.05	8.05	8.3	7.8	0.043	0.207	7.8	7.825	8.275	8.3
00403 CONVERTED PH, LAB, STANDARD UNITS	08/22/51-08/07/78	12	8.047	8.006	8.3	7.8	0.045	0.212	7.8	7.825	8.275	8.3
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/22/51-08/07/78	12	0.009	0.01	0.016	0.005	0.	0.004	0.005	0.005	0.015	0.016
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	08/22/51-12/07/77	12	182.5	176.833	239.	106.	1411.606	37.571	108.1	158.25	194.75	230.
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/05/67-08/07/78	12	0.15	0.3	1.2	0.	0.155	0.393	0.	0.	0.4	1.11
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	08/22/51-03/03/77	12	404.5	401.5	777.	152.	25496.091	159.675	163.4	320.5	465.25	700.5
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	08/22/51-03/03/77	12	107.	106.825	188.	44.9	1276.004	35.721	49.73	89.75	124.25	170.6
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	08/22/51-03/03/77	12	31.05	32.7	74.6	9.	306.956	17.52	9.21	23.35	37.9	66.95
00930 SODIUM, DISSOLVED (MG/L AS Na)	08/22/51-03/03/77	12	82.5	79.208	138.	14.	1468.612	38.322	17.	49.	104.5	135.
00935 POTASSIUM, DISSOLVED (MG/L AS K)	08/22/51-03/03/77	12	6.55	6.508	8.9	3.9	2.415	1.554	3.96	5.525	7.875	8.63
00941 CHLORIDE, DISSOLVED IN WATER MG/L	08/22/51-08/07/78	12	61.5	65.917	120.	7.	1267.538	35.602	9.4	36.75	94.75	115.5
00946 SULFATE, DISSOLVED (MG/L AS SO4)	08/22/51-08/07/78	12	279.5	285.1	633.	52.2	23739.065	154.075	69.84	178.	329.	579.3
70301 SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/05/67-09/03/76	12	695.	692.417	1322.	208.	86583.174	294.25	235.	536.25	793.75	1222.1
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/22/51-08/07/78	12	8.3	10.042	19.	5.	17.466	4.179	5.57	7.275	12.2	18.31

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1970 - Station SAMO0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/06/68-08/07/78	10	56.5	56.15	69.	36.5	123.447	11.111	37.55	47.75	68.	68.9
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/51-08/07/78	12	1270.	1219.833	1450.	548.	58589.424	242.053	704.6	1160.	1382.5	1438.
00300	OXYGEN, DISSOLVED MG/L	08/03/67-08/07/78	12	7.15	7.8	11.5	4.9	4.213	2.052	5.14	6.3	9.9	11.14
00310	BOD, 5 DAY, 20 DEG C MG/L	07/05/67-08/07/78	12	6.5	9.25	28.	4.	44.205	6.649	4.3	5.25	10.	24.1
00335	COD, .025N K2CR2O7 MG/L	07/05/67-08/07/78	12	34.5	84.333	568.	0.	23779.152	154.205	7.8	27.25	69.75	424.6
00403	PH, LAB, STANDARD UNITS SU	08/22/51-08/07/78	12	8.05	7.692	8.3	6.5	0.512	0.715	6.53	6.825	8.2	8.3
00403	CONVERTED PH, LAB, STANDARD UNITS	08/22/51-08/07/78	12	8.047	7.119	8.3	6.5	0.87	0.933	6.53	6.825	8.2	8.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/22/51-08/07/78	12	0.009	0.076	0.316	0.005	0.014	0.12	0.005	0.006	0.196	0.297
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/22/51-12/07/77	12	210.5	208.75	281.	82.	2555.659	50.554	111.1	185.	245.5	274.1
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/05/67-08/07/78	12	0.	0.133	1.	0.	0.09	0.299	0.	0.	0.15	0.82
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	08/22/51-03/03/77	12	474.5	445.167	590.	202.	10046.879	100.234	254.2	388.5	510.25	569.3
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	08/22/51-03/03/77	12	123.	118.25	153.	55.	643.477	25.367	66.1	110.	132.5	149.7
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/22/51-03/03/77	12	36.5	36.333	51.	16.	116.242	10.782	17.5	29.25	46.	50.4
00930	SODIUM, DISSOLVED (MG/L AS Na)	08/22/51-03/03/77	12	107.	107.667	191.	25.	1402.424	37.449	43.	94.5	119.	173.3
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/51-03/03/77	12	7.	7.733	11.	4.2	6.162	2.482	4.26	6.05	10.75	11.
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/22/51-08/07/78	12	89.5	87.333	129.	21.	691.879	26.304	36.6	77.	102.25	123.6
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/22/51-08/07/78	12	321.5	320.5	438.	150.	5967.909	77.252	183.6	272.75	388.25	426.3
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/05/67-09/03/76	12	852.	813.583	967.	326.	29510.811	171.787	443.3	765.	931.5	963.1
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/22/51-08/07/78	12	10.25	10.717	17.9	5.8	15.752	3.969	5.89	7.2	14.2	17.33

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1971 - Station SAMO0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/06/68-08/07/78	11	54.	53.545	71.	34.	144.673	12.028	35.6	43.	65.	70.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/51-08/07/78	12	1130.	1150.917	1510.	575.	61768.265	248.532	689.3	1032.5	1330.	1492.
00300	OXYGEN, DISSOLVED MG/L	08/03/67-08/07/78	12	8.95	8.458	11.1	4.1	4.95	2.225	4.55	6.475	10.175	11.0
00310	BOD, 5 DAY, 20 DEG C MG/L	07/05/67-08/07/78	12	7.5	8.583	20.	4.	20.447	4.522	4.3	5.	11.5	17.6
00335	COD, .025N K2CR2O7 MG/L	07/05/67-08/07/78	12	31.	35.667	74.	1.	549.333	23.438	4.9	15.	57.75	71.9
00403	PH, LAB, STANDARD UNITS SU	08/22/51-08/07/78	11	7.9	7.764	8.2	7.3	0.101	0.317	7.32	7.4	8.	8.18
00403	CONVERTED PH, LAB, STANDARD UNITS	08/22/51-08/07/78	11	7.9	7.66	8.2	7.3	0.112	0.335	7.32	7.4	8.	8.18
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/22/51-08/07/78	11	0.013	0.022	0.05	0.006	0.	0.016	0.007	0.01	0.04	0.048
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/22/51-12/07/77	9	189.	189.444	287.	123.	2308.028	48.042	123.	150.5	216.	287.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/05/67-08/07/78	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	08/22/51-03/03/77	8	400.5	411.5	617.	168.	19550.571	139.823	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	08/22/51-03/03/77	8	101.	106.	163.	47.	1231.143	35.088	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/22/51-03/03/77	8	35.5	35.75	51.	13.	163.929	12.803	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	08/22/51-03/03/77	8	103.5	97.25	135.	50.	632.5	25.15	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/51-03/03/77	8	5.	6.	12.	4.	6.286	2.507	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/22/51-08/07/78	9	91.	90.667	131.	34.	860.5	29.334	34.	79.	112.	131.
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/22/51-08/07/78	8	303.	298.25	451.	96.	12408.214	111.392	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/05/67-09/03/76	8	769.5	759.375	1040.	322.	53364.268	231.007	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/22/51-08/07/78	12	10.	11.35	23.3	3.7	47.141	6.866	3.79	6.05	17.2	23.15

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### Annual Analysis for 1972 - Station SAMO0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/06/68-08/07/78	10	55.	51.9	66.	33.	118.989	10.908	33.6	43.5	60.25	65.8
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/51-08/07/78	12	1295.	1259.917	1560.	859.	45345.538	212.945	922.3	1085.	1457.5	1530.
00300	OXYGEN, DISSOLVED MG/L	08/03/67-08/07/78	12	7.55	8.092	12.3	5.7	4.272	2.067	5.73	6.525	9.5	11.94
00310	BOD, 5 DAY, 20 DEG C MG/L	07/05/67-08/07/78	11	6.	7.364	13.	5.	7.655	2.767	5.	5.	8.	12.8
00335	COD, .025N K2CR2O7 MG/L	07/05/67-08/07/78	11	31.	36.636	79.	15.	370.855	19.258	15.8	19.	47.	73.4

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### Annual Analysis for 1972 - Station SAMO0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	PH, LAB, STANDARD UNITS SU	08/22/51-08/07/78	12	8.2	8.092	8.5	7.5	0.083	0.287	7.53	7.95	8.2	8.44
00403	CONVERTED PH, LAB, STANDARD UNITS	08/22/51-08/07/78	12	8.2	7.988	8.5	7.5	0.094	0.307	7.53	7.95	8.2	8.44
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/22/51-08/07/78	12	0.006	0.01	0.032	0.003	0.	0.009	0.004	0.006	0.011	0.03
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/22/51-12/07/77	12	236.	231.75	276.	181.	809.295	28.448	183.7	211.75	251.	271.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/05/67-08/07/78	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/04/72-08/07/78	3	1.9	1.867	2.6	1.1	0.563	0.751	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	08/22/51-03/03/77	12	428.5	436.167	619.	284.	9009.242	94.917	304.1	361.	511.25	593.5
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	08/22/51-03/03/77	12	109.	111.333	162.	72.	555.879	23.577	77.4	96.5	127.	153.
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	08/22/51-03/03/77	12	37.5	38.25	52.	25.	84.568	9.196	25.6	30.25	46.75	51.1
00930	SODIUM, DISSOLVED (MG/L AS Na)	08/22/51-03/03/77	12	108.	105.583	121.	74.	157.72	12.559	80.6	98.25	115.	119.8
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/51-03/03/77	12	7.	6.583	8.	5.	1.356	1.165	5.	5.25	7.75	8.
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/22/51-08/07/78	12	95.	95.833	119.	65.	196.152	14.005	70.4	89.	104.	116.9
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/22/51-08/07/78	12	305.5	294.083	430.	156.	6496.811	80.603	173.1	223.25	359.75	410.8
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/05/67-09/03/76	9	802.	794.444	1046.	524.	25245.778	158.889	524.	685.	916.5	1046.
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/22/51-08/07/78	12	9.15	9.258	25.5	0.	58.504	7.649	0.	1.175	13.6	23.1

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1973 - Station SAMO0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/06/68-08/07/78	9	52.	55.	67.	44.	69.75	8.352	44.	48.	63.	67.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/51-08/07/78	11	1230.	1170.455	1670.	181.	183355.473	428.2	267.6	1100.	1470.	1634.
00300	OXYGEN, DISSOLVED MG/L	08/03/67-08/07/78	9	7.6	7.833	10.7	5.3	2.967	1.723	5.3	6.55	9.3	10.7
00310	BOD, 5 DAY, 20 DEG C MG/L	07/05/67-08/07/78	10	6.	5.8	10.	3.	3.511	1.874	3.1	4.75	6.25	9.7
00335	COD, .025N K2CR2O7 MG/L	07/05/67-08/07/78	10	34.5	37.9	61.	21.	202.1	14.216	21.4	25.	52.25	60.8
00403	PH, LAB, STANDARD UNITS SU	08/22/51-08/07/78	11	8.1	8.055	8.4	7.2	0.101	0.317	7.32	8.1	8.2	8.36
00403	CONVERTED PH, LAB, STANDARD UNITS	08/22/51-08/07/78	11	8.1	7.895	8.4	7.2	0.129	0.359	7.32	8.1	8.2	8.36
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/22/51-08/07/78	11	0.008	0.013	0.063	0.004	0.	0.017	0.004	0.006	0.008	0.054
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/22/51-12/07/77	10	230.5	221.8	272.	98.	2461.511	49.614	108.1	209.5	251.75	272.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/05/67-08/07/78	9	0.	0.033	0.2	0.	0.005	0.071	0.	0.	0.05	0.2
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/04/72-08/07/78	9	2.4	1.989	3.2	0.	0.889	0.943	0.	1.5	2.6	3.2
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	08/22/51-03/03/77	10	462.5	443.1	562.	216.	8596.322	92.716	234.7	409.75	504.5	556.4
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	08/22/51-03/03/77	10	115.	112.21	135.	57.	515.863	22.713	61.	104.5	129.325	134.8
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	08/22/51-03/03/77	10	41.5	39.72	55.	18.	91.584	9.57	19.4	37.25	43.55	54.02
00930	SODIUM, DISSOLVED (MG/L AS Na)	08/22/51-03/03/77	10	99.	100.5	139.	41.	703.611	26.526	46.1	92.75	120.75	138.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/51-03/03/77	10	6.	6.29	9.	3.	2.708	1.645	3.19	5.725	7.25	8.9
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/22/51-08/07/78	10	89.	94.5	155.	34.	1133.833	33.672	38.2	78.25	125.	152.3
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/22/51-08/07/78	10	313.	296.5	413.	154.	4456.056	66.754	164.7	263.25	327.	405.3
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/22/51-08/07/78	10	10.75	9.8	18.	0.	23.827	4.881	0.64	6.925	12.625	17.62

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### Annual Analysis for 1974 - Station SAMO0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/06/68-08/07/78	12	59.	55.917	70.	39.	128.447	11.333	39.3	42.	65.5	69.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/51-08/07/78	12	1190.	1103.417	1460.	451.	106228.265	325.927	488.2	906.25	1380.	1448.
00300	OXYGEN, DISSOLVED MG/L	08/03/67-08/07/78	12	7.3	7.575	10.9	3.9	3.946	1.986	4.44	6.625	9.275	10.75
00310	BOD, 5 DAY, 20 DEG C MG/L	07/05/67-08/07/78	12	6.	10.667	41.	2.	163.152	12.773	2.	4.25	8.5	38.9
00335	COD, .025N K2CR2O7 MG/L	07/05/67-08/07/78	11	57.	61.091	176.	11.	1959.291	44.264	13.8	37.	73.	159.4
00403	PH, LAB, STANDARD UNITS SU	08/22/51-08/07/78	12	8.	8.017	8.3	7.7	0.04	0.199	7.7	7.9	8.175	8.3
00403	CONVERTED PH, LAB, STANDARD UNITS	08/22/51-08/07/78	12	8.	7.974	8.3	7.7	0.042	0.204	7.7	7.9	8.175	8.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/22/51-08/07/78	12	0.01	0.011	0.02	0.005	0.	0.005	0.005	0.007	0.013	0.02
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/22/51-12/07/77	12	222.5	194.833	240.	67.	3799.97	61.644	75.4	147.25	234.5	239.7

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### Annual Analysis for 1974 - Station SAMO0001

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/05/67-08/07/78	12	0.	0.143	1.4	0.	0.165	0.406	0.	0.	1.076
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/04/72-08/07/78	12	1.46	1.613	3.79	0.	1.69	1.3	0.215	2.573	3.697
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	08/22/51-03/03/77	12	409.	380.083	527.	145.	14236.447	119.317	158.2	294.75	513.5
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	08/22/51-03/03/77	12	103.5	96.5	126.	40.2	743.624	27.269	44.07	79.925	125.1
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/22/51-03/03/77	12	36.6	33.783	51.2	10.9	161.176	12.696	11.74	23.05	49.46
00930	SODIUM, DISSOLVED (MG/L AS Na)	08/22/51-03/03/77	12	94.25	88.15	134.	31.4	1004.514	31.694	33.41	65.525	132.2
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/51-03/03/77	12	7.95	7.275	9.3	4.3	2.593	1.61	4.51	5.925	9.12
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/22/51-08/07/78	12	88.	91.75	159.	42.	1271.295	35.655	44.1	67.25	156.6
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/22/51-08/07/78	12	258.	243.667	364.	83.	6983.333	83.566	93.8	189.25	354.4
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/07/74-08/07/78	10	0.165	0.183	0.49	0.	0.026	0.162	0.002	0.043	0.471
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/22/51-08/07/78	12	6.4	7.108	16.8	0.	33.035	5.748	0.	0.95	16.38

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### Annual Analysis for 1975 - Station SAMO0001

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/06/68-08/07/78	12	57.	57.783	72.	48.	60.563	7.782	48.6	50.55	70.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/51-08/07/78	12	1165.	1792.083	8950.	60.	5265170.265	2294.596	271.5	1035.	6766.
00300	OXYGEN, DISSOLVED MG/L	08/03/67-08/07/78	12	6.95	7.108	9.6	4.2	4.03	2.007	4.32	5.225	9.54
00310	BOD, 5 DAY, 20 DEG C MG/L	07/05/67-08/07/78	11	6.	6.364	10.	4.	4.455	2.111	4.	5.	9.8
00335	COD, .025N K2CR2O7 MG/L	07/05/67-08/07/78	11	53.	49.636	75.	23.	283.055	16.824	23.8	30.	72.8
00403	PH, LAB, STANDARD UNITS SU	08/22/51-08/07/78	12	8.2	8.133	8.9	7.1	0.164	0.405	7.34	8.025	8.72
00403	CONVERTED PH, LAB, STANDARD UNITS	08/22/51-08/07/78	12	8.2	7.895	8.9	7.1	0.226	0.476	7.34	8.025	8.72
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/22/51-08/07/78	12	0.006	0.013	0.079	0.001	0.	0.021	0.002	0.005	0.059
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/22/51-12/07/77	12	219.	199.	275.	10.	5613.091	74.921	42.7	161.	269.9
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/05/67-08/07/78	11	0.04	0.071	0.23	0.	0.007	0.086	0.	0.	0.22
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/04/72-08/07/78	11	0.66	1.354	3.55	0.18	1.317	1.147	0.226	0.43	3.414
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	08/22/51-03/03/77	12	410.	437.667	1020.	16.	53418.061	231.123	91.3	355.25	873.3
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	08/22/51-03/03/77	12	107.	100.042	136.	4.2	1247.954	35.326	24.45	92.675	133.9
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/22/51-03/03/77	12	36.25	45.55	179.	1.2	1950.992	44.17	7.11	27.825	140.54
00930	SODIUM, DISSOLVED (MG/L AS Na)	08/22/51-03/03/77	12	98.2	211.533	1490.	4.2	163584.99	404.456	18.48	85.975	1087.1
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/51-03/03/77	12	8.85	13.483	64.	3.4	269.271	16.409	4.12	6.75	50.86
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/22/51-08/07/78	12	99.	311.417	2620.	7.	531126.811	728.784	20.8	70.25	1892.5
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/22/51-08/07/78	12	257.	260.308	411.	16.7	10582.432	102.871	68.69	214.25	400.8
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/07/74-08/07/78	11	0.19	0.204	0.5	0.01	0.025	0.159	0.016	0.07	0.48
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/22/51-08/07/78	12	3.6	5.775	15.7	0.	24.526	4.952	0.54	2.075	14.8

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1976 - Station SAMO0001

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/06/68-08/07/78	8	54.75	54.688	69.	40.	97.353	9.867	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/51-08/07/78	9	1240.	1226.	1460.	984.	23459.	153.163	984.	1085.	1460.
00300	OXYGEN, DISSOLVED MG/L	08/03/67-08/07/78	9	7.4	7.178	10.1	3.9	5.012	2.239	3.9	5.15	10.1
00310	BOD, 5 DAY, 20 DEG C MG/L	07/05/67-08/07/78	8	12.	13.625	31.	3.	115.125	10.73	**	**	**
00335	COD, .025N K2CR2O7 MG/L	07/05/67-08/07/78	8	64.5	81.	179.	32.	2693.143	51.895	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/22/51-08/07/78	9	8.1	8.111	8.3	7.9	0.019	0.136	7.9	8.	8.3
00403	CONVERTED PH, LAB, STANDARD UNITS	08/22/51-08/07/78	9	8.1	8.092	8.3	7.9	0.019	0.138	7.9	8.	8.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/22/51-08/07/78	9	0.008	0.008	0.013	0.005	0.	0.002	0.005	0.006	0.013
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/22/51-12/07/77	9	220.	218.	244.	178.	498.75	22.333	178.	201.5	244.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/05/67-08/07/78	9	0.09	0.367	1.42	0.	0.282	0.531	0.	0.	1.42
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/04/72-08/07/78	9	0.03	1.069	4.04	0.	2.249	1.5	0.	0.	4.04
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	08/22/51-03/03/77	9	403.	394.111	470.	312.	2521.111	50.211	312.	356.	470.

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1976 - Station SAMO0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/22/51-03/03/77	9	93.7	97.456	114.	77.5	173.088	13.156	77.5	86.	110.	114.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/22/51-03/03/77	9	35.3	36.4	48.9	28.7	45.9	6.775	28.7	30.5	41.6	48.9
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/22/51-03/03/77	9	103.	110.989	145.	92.4	294.311	17.155	92.4	97.25	121.5	145.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/51-03/03/77	9	10.	9.722	10.8	8.2	0.614	0.784	8.2	9.2	10.25	10.8
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/22/51-08/07/78	9	110.	109.889	181.	10.	2462.611	49.625	10.	90.	150.5	181.
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/22/51-08/07/78	9	235.	241.	306.	172.	1762.75	41.985	172.	215.5	281.5	306.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/05/67-09/03/76	7	796.	757.	894.	601.	12835.333	113.293	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/07/74-08/07/78	9	0.1	0.538	3.3	0.03	1.112	1.054	0.03	0.07	0.51	3.3
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/22/51-08/07/78	9	4.3	6.267	17.9	0.	49.395	7.028	0.	0.	13.15	17.9

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1977 - Station SAMO0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/06/68-08/07/78	10	59.	58.35	75.	42.	148.003	12.166	42.2	44.375	69.	74.7
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/51-08/07/78	11	1210.	1131.636	1520.	124.	163662.255	404.552	236.	1150.	1450.	1516.
00300	OXYGEN, DISSOLVED MG/L	08/03/67-08/07/78	11	7.3	7.791	11.3	4.1	4.833	2.198	4.52	6.4	10.4	11.2
00310	BOD, 5 DAY, 20 DEG C MG/L	07/05/67-08/07/78	11	5.	5.727	18.	1.	19.418	4.407	1.2	4.	6.	15.8
00335	COD, .025N K2CR2O7 MG/L	07/05/67-08/07/78	11	54.	53.636	71.	29.	176.655	13.291	30.2	49.	68.	70.6
00403	PH, LAB, STANDARD UNITS SU	08/22/51-08/07/78	11	8.2	8.091	8.8	7.1	0.185	0.43	7.22	7.9	8.3	8.7
00403	CONVERTED PH, LAB, STANDARD UNITS	08/22/51-08/07/78	11	8.2	7.844	8.8	7.1	0.252	0.502	7.22	7.9	8.3	8.7
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/22/51-08/07/78	11	0.006	0.014	0.079	0.002	0.	0.022	0.002	0.005	0.013	0.068
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/22/51-12/07/77	9	216.	203.778	262.	129.	2099.944	45.825	129.	163.5	244.5	262.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/05/67-08/07/78	9	0.09	0.134	0.691	0.	0.047	0.216	0.	0.	0.129	0.691
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/04/72-08/07/78	10	0.745	0.902	3.8	0.	1.376	1.173	0.	0.	1.193	3.585
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/22/51-03/03/77	3	360.	371.667	530.	225.	23358.333	152.834	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/22/51-03/03/77	3	84.5	93.133	131.	63.9	1181.503	34.373	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/22/51-03/03/77	3	36.3	33.8	49.1	16.	278.59	16.691	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/22/51-03/03/77	3	95.8	91.933	124.	56.	1167.213	34.165	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/51-03/03/77	3	7.2	6.967	7.4	6.3	0.343	0.586	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/22/51-08/07/78	10	101.5	110.6	155.	57.	951.378	30.844	60.7	95.5	147.25	154.6
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/22/51-08/07/78	11	286.	254.9	352.	18.9	9013.81	94.941	41.92	259.	301.	344.6
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/07/74-08/07/78	10	0.06	0.084	0.23	0.01	0.006	0.08	0.011	0.035	0.11	0.23
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/22/51-08/07/78	11	2.4	3.627	16.8	0.	25.652	5.065	0.	0.	4.6	14.9

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1978 - Station SAMO0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/06/68-08/07/78	7	56.5	56.786	65.	45.5	55.238	7.432	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/51-08/07/78	7	1110.	1053.857	1510.	624.	105646.81	325.034	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/03/67-08/07/78	7	7.6	7.729	9.9	5.3	2.086	1.444	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	07/05/67-08/07/78	7	7.	12.714	36.	2.	159.238	12.619	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	07/05/67-08/07/78	7	42.	34.571	62.	5.	547.619	23.401	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/22/51-08/07/78	7	8.2	8.171	8.3	7.8	0.032	0.18	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/22/51-08/07/78	7	8.2	8.134	8.3	7.8	0.034	0.184	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/22/51-08/07/78	7	0.006	0.007	0.016	0.005	0.	0.004	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/05/67-08/07/78	7	0.29	1.271	4.12	0.07	3.49	1.868	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/04/72-08/07/78	7	2.15	2.951	7.02	0.22	7.566	2.751	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/22/51-08/07/78	7	94.	81.429	126.	21.	1480.619	38.479	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/22/51-08/07/78	7	184.	246.714	438.	113.	17205.905	131.171	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/07/74-08/07/78	7	0.31	1.2	4.27	0.02	3.28	1.811	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/22/51-08/07/78	7	9.5	12.914	31.1	0.	152.331	12.342	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #1: 6/01 to 10/31 - Station SAMO0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/06/68-08/07/78	40	65.5	65.738	75.	59.	13.295	3.646	61.	63.25	68.	70.9
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/51-08/07/78	55	1160.	1275.8	8950.	124.	1150105.015	1072.429	980.6	1070.	1210.	1378.
00300	OXYGEN, DISSOLVED MG/L	08/03/67-08/07/78	53	6.6	6.206	11.3	1.1	2.455	1.567	4.1	5.3	6.95	7.9
00310	BOD, 5 DAY, 20 DEG C MG/L	07/05/67-08/07/78	52	7.	9.963	64.	1.	90.476	9.512	5.	5.225	11.5	19.7
00335	COD, .025N K2CR2O7 MG/L	07/05/67-08/07/78	52	49.	59.717	322.	0.	2690.484	51.87	26.6	38.575	61.75	77.8
00403p	PH, LAB, STANDARD UNITS SU	08/22/51-08/07/78	54	8.1	8.039	9.1	6.5	0.182	0.427	7.6	7.9	8.2	8.3
00403p	CONVERTED PH, LAB, STANDARD UNITS	08/22/51-08/07/78	54	8.1	7.679	9.1	6.5	0.314	0.561	7.6	7.9	8.2	8.3
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/22/51-08/07/78	54	0.008	0.021	0.316	0.001	0.003	0.054	0.005	0.006	0.013	0.028
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/22/51-12/07/77	48	216.	217.958	276.	148.	718.594	26.807	181.9	197.25	240.5	254.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/05/67-08/07/78	51	0.	0.366	4.12	0.	0.802	0.895	0.	0.	0.2	1.16
00900p	HARDNESS, TOTAL (MG/L AS CaCO3)	08/22/51-03/03/77	43	403.	409.279	1020.	238.	12131.682	110.144	310.2	370.	424.	470.
00915p	CALCIUM, DISSOLVED (MG/L AS Ca)	08/22/51-03/03/77	43	106.	104.195	143.	65.2	255.202	15.975	82.6	95.6	112.	126.14
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/22/51-03/03/77	43	34.1	36.135	179.	6.9	554.129	23.54	21.48	28.	38.	41.12
00930p	SODIUM, DISSOLVED (MG/L AS Na)	08/22/51-03/03/77	43	100.	134.914	1490.	67.	45172.61	212.538	83.	92.4	108.	132.
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/51-03/03/77	43	8.	9.156	64.	4.5	76.075	8.722	5.78	7.	9.	10.76
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	08/22/51-08/07/78	51	91.	142.314	2620.	10.	125961.94	354.911	61.	79.	103.	139.
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	08/22/51-08/07/78	51	264.	259.155	411.	18.9	4181.736	64.666	173.4	221.	301.	328.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/05/67-09/03/76	27	749.	728.37	926.	521.	10840.319	104.117	523.6	677.	795.	840.6
71851p	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/22/51-08/07/78	55	6.	6.825	36.	0.	58.999	7.681	0.	0.	9.1	15.66

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #2: 11/01 to 2/29 - Station SAMO0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/06/68-08/07/78	35	47.	46.471	60.	33.	40.97	6.401	38.	42.	51.	54.4
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/51-08/07/78	44	1260.	1159.023	1560.	181.	98207.93	313.381	689.5	905.75	1382.5	1475.
00300	OXYGEN, DISSOLVED MG/L	08/03/67-08/07/78	42	9.85	9.505	12.3	6.3	2.31	1.52	7.23	8.075	10.8	11.07
00310	BOD, 5 DAY, 20 DEG C MG/L	07/05/67-08/07/78	43	5.	7.705	36.	1.4	49.377	7.027	3.	4.	9.	18.
00335	COD, .025N K2CR2O7 MG/L	07/05/67-08/07/78	41	28.	46.712	568.	5.	7436.244	86.234	11.6	18.1	49.	68.6
00403p	PH, LAB, STANDARD UNITS SU	08/22/51-08/07/78	44	8.2	8.1	8.9	7.2	0.09	0.3	7.65	8.	8.2	8.3
00403p	CONVERTED PH, LAB, STANDARD UNITS	08/22/51-08/07/78	44	8.2	7.983	8.9	7.2	0.104	0.322	7.65	8.	8.2	8.3
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/22/51-08/07/78	44	0.006	0.01	0.063	0.001	0.	0.01	0.005	0.006	0.01	0.023
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/22/51-12/07/77	41	232.	212.732	287.	106.	2383.651	48.823	132.6	179.5	248.5	272.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/05/67-08/07/78	42	0.	0.126	1.	0.	0.067	0.258	0.	0.	0.11	0.604
00900p	HARDNESS, TOTAL (MG/L AS CaCO3)	08/22/51-03/03/77	39	458.	428.231	619.	190.	12661.551	112.524	265.	355.	506.	546.
00915p	CALCIUM, DISSOLVED (MG/L AS Ca)	08/22/51-03/03/77	39	115.	110.505	163.	59.2	749.486	27.377	71.7	86.9	129.	142.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/22/51-03/03/77	39	40.	36.985	52.	9.	136.573	11.686	19.5	27.9	47.	51.
00930p	SODIUM, DISSOLVED (MG/L AS Na)	08/22/51-03/03/77	39	100.	91.356	135.	24.	543.641	23.316	56.	77.	105.	117.
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/51-03/03/77	39	6.	6.695	20.2	4.	8.004	2.829	4.2	5.	7.2	10.1
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	08/22/51-08/07/78	43	87.	80.349	131.	15.	608.566	24.669	48.	63.	99.	108.
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	08/22/51-08/07/78	43	303.	292.186	451.	111.	8208.393	90.6	142.8	232.	362.	417.6
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/05/67-09/03/76	22	838.	772.773	1046.	298.	43750.851	209.167	448.4	599.25	929.5	1031.
71851p	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/22/51-08/07/78	43	11.5	11.581	25.5	0.	34.201	5.848	0.72	8.8	15.4	18.54

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #3: 3/01 to 5/31 - Station SAMO0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/06/68-08/07/78	25	54.5	53.616	61.	43.	24.095	4.909	46.4	50.	57.5	59.4
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/51-08/07/78	31	1260.	1116.258	1860.	60.	234532.998	484.286	386.2	614.	1470.	1648.
00300	OXYGEN, DISSOLVED MG/L	08/03/67-08/07/78	30	8.35	8.813	13.9	6.2	3.665	1.915	6.92	7.375	9.8	11.91
00310	BOD, 5 DAY, 20 DEG C MG/L	07/05/67-08/07/78	29	6.	9.186	41.	2.	97.095	9.854	2.	4.2	7.5	31.
00335	COD, .025N K2CR2O7 MG/L	07/05/67-08/07/78	30	34.	47.397	176.	1.	1556.103	39.447	9.	20.5	68.5	92.7

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

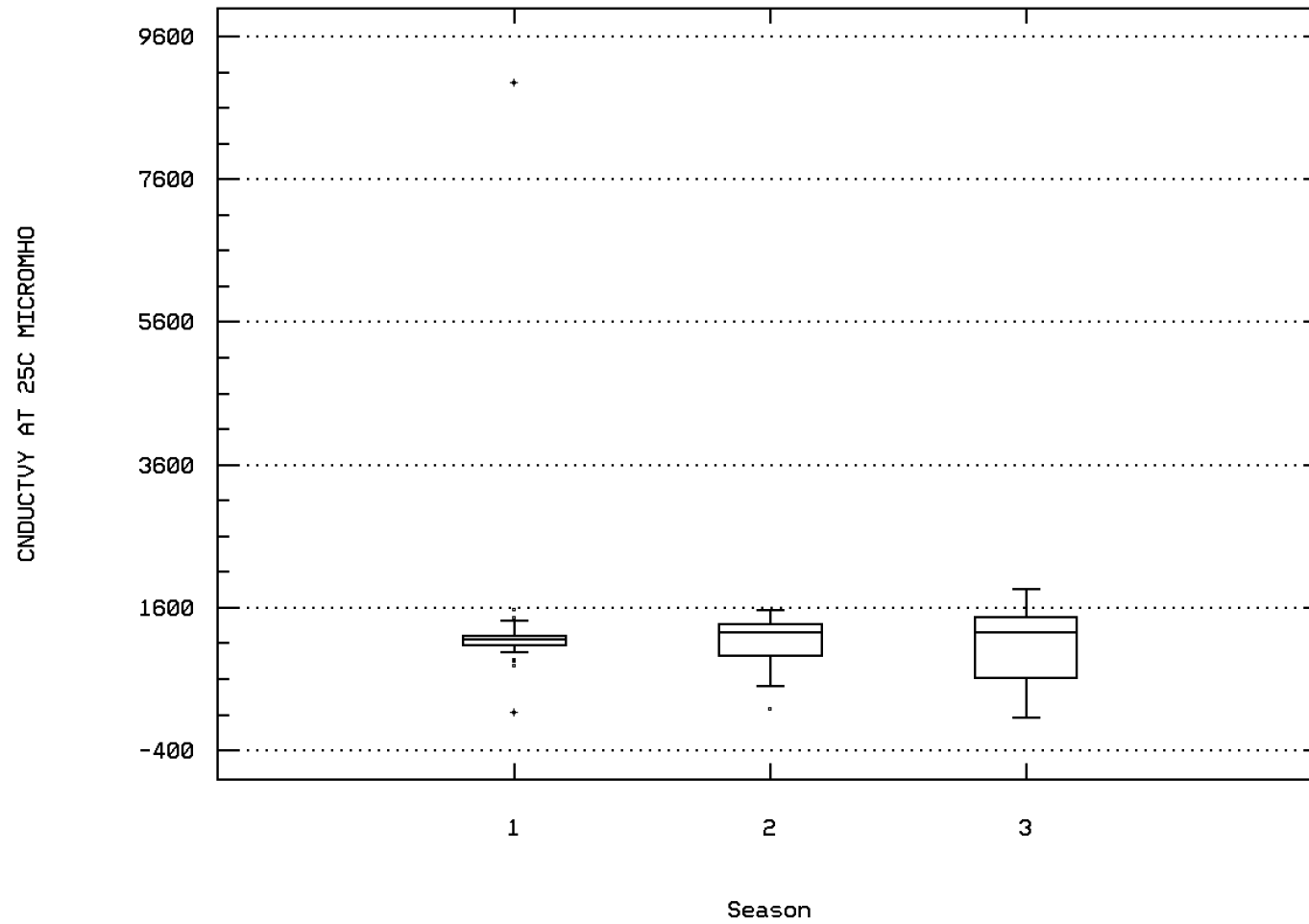
### Seasonal Analysis for Season #3: 3/01 to 5/31 - Station SAMO0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403p	PH, LAB, STANDARD UNITS SU	08/22/51-08/07/78	31	8.1	7.942	8.9	6.6	0.254	0.504	7.16	7.7	8.2	8.46
00403p	CONVERTED PH, LAB, STANDARD UNITS	08/22/51-08/07/78	31	8.1	7.56	8.9	6.6	0.404	0.636	7.16	7.7	8.2	8.46
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/22/51-08/07/78	31	0.008	0.028	0.251	0.001	0.003	0.055	0.004	0.006	0.02	0.072
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/22/51-12/07/77	28	184.5	165.893	239.	10.	4099.062	64.024	63.5	115.5	218.25	235.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/05/67-08/07/78	29	0.	0.128	1.4	0.	0.099	0.314	0.	0.	0.085	0.5
00900p	HARDNESS, TOTAL (MG/L AS CaCO3)	08/22/51-03/03/77	28	425.	379.893	777.	16.	31088.099	176.318	135.6	205.5	509.	534.1
00915p	CALCIUM, DISSOLVED (MG/L AS Ca)	08/22/51-03/03/77	28	107.	96.125	188.	4.2	1769.358	42.064	37.68	55.5	124.	135.1
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/22/51-03/03/77	28	39.	33.907	74.6	1.2	308.865	17.575	9.03	16.5	45.5	51.22
00930p	SODIUM, DISSOLVED (MG/L AS Na)	08/22/51-03/03/77	28	111.5	92.954	147.	4.2	2130.517	46.158	13.4	43.25	128.	139.6
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/51-03/03/77	28	6.	6.271	12.	2.	5.672	2.382	3.36	4.55	7.3	9.47
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	08/22/51-08/07/78	31	104.	94.516	195.	7.	3015.858	54.917	11.4	42.	143.	159.8
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	08/22/51-08/07/78	31	308.	269.9	633.	16.7	19403.847	139.298	58.36	150.	352.	408.4
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/05/67-09/03/76	17	802.	761.059	1322.	208.	74943.684	273.758	299.2	648.	901.5	1055.6
71851p	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/22/51-08/07/78	31	8.4	9.184	23.3	0.	29.606	5.441	2.72	4.7	12.1	17.9

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

Station: SAM00001 Parameter Code: 00095

SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)

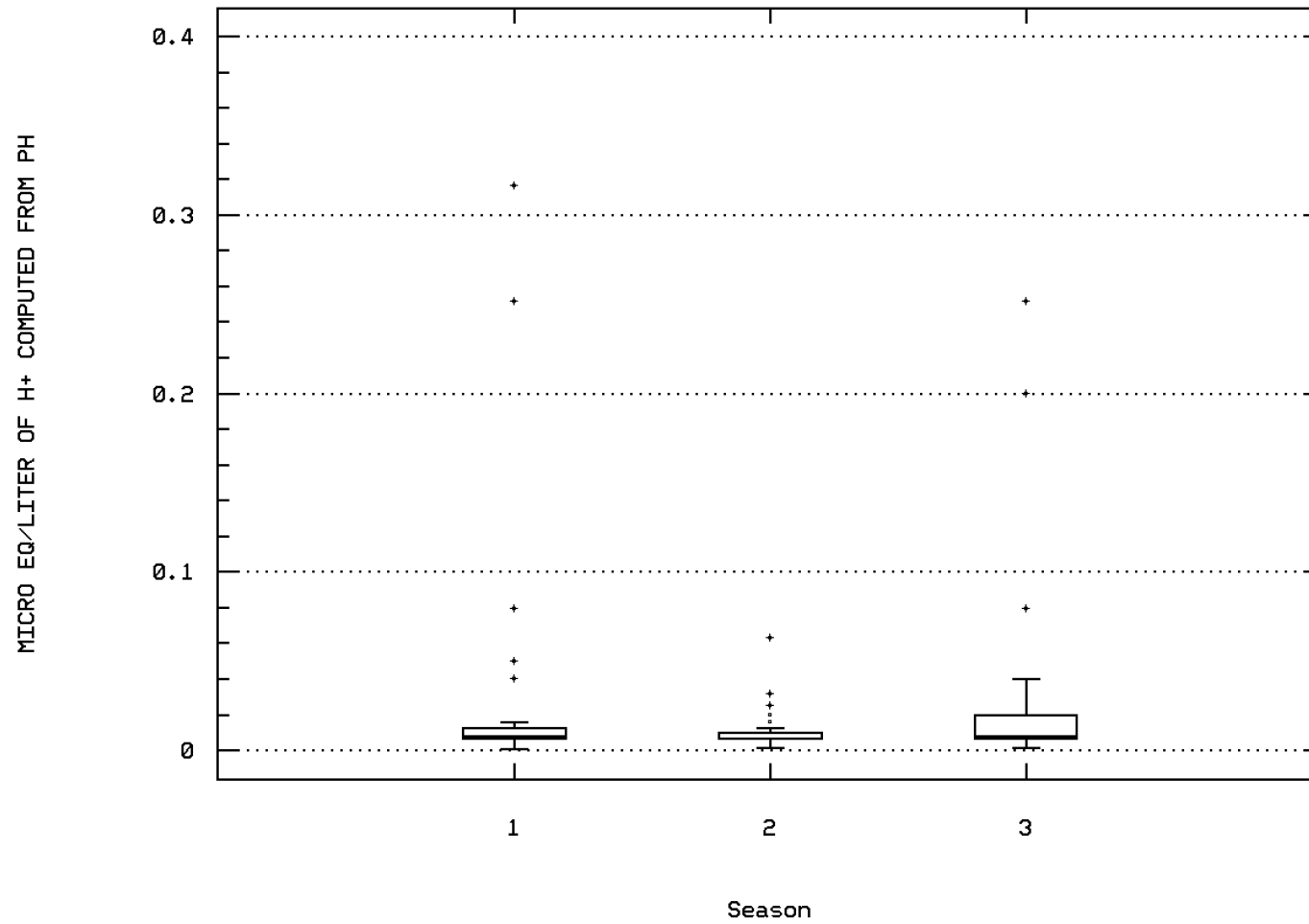


LOS ANGELES RIVER AT TUJUNGA AVE



Station: SAM00001 Parameter Code: 00403

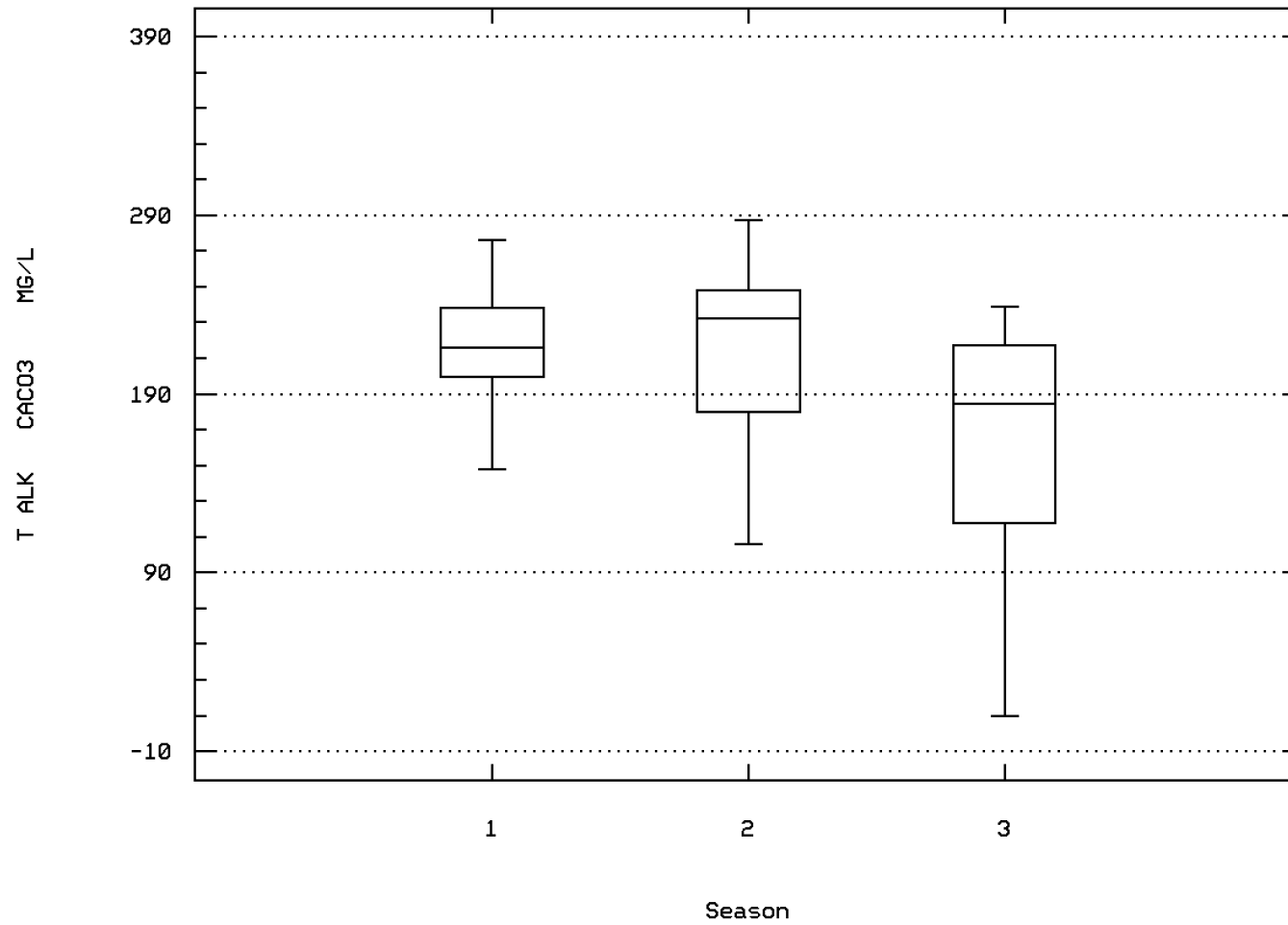
MICRO EQ/LITER OF H+ COMPUTED FROM PH



LOS ANGELES RIVER AT TUJUNGA AVE

Station: SAM00001 Parameter Code: 00410

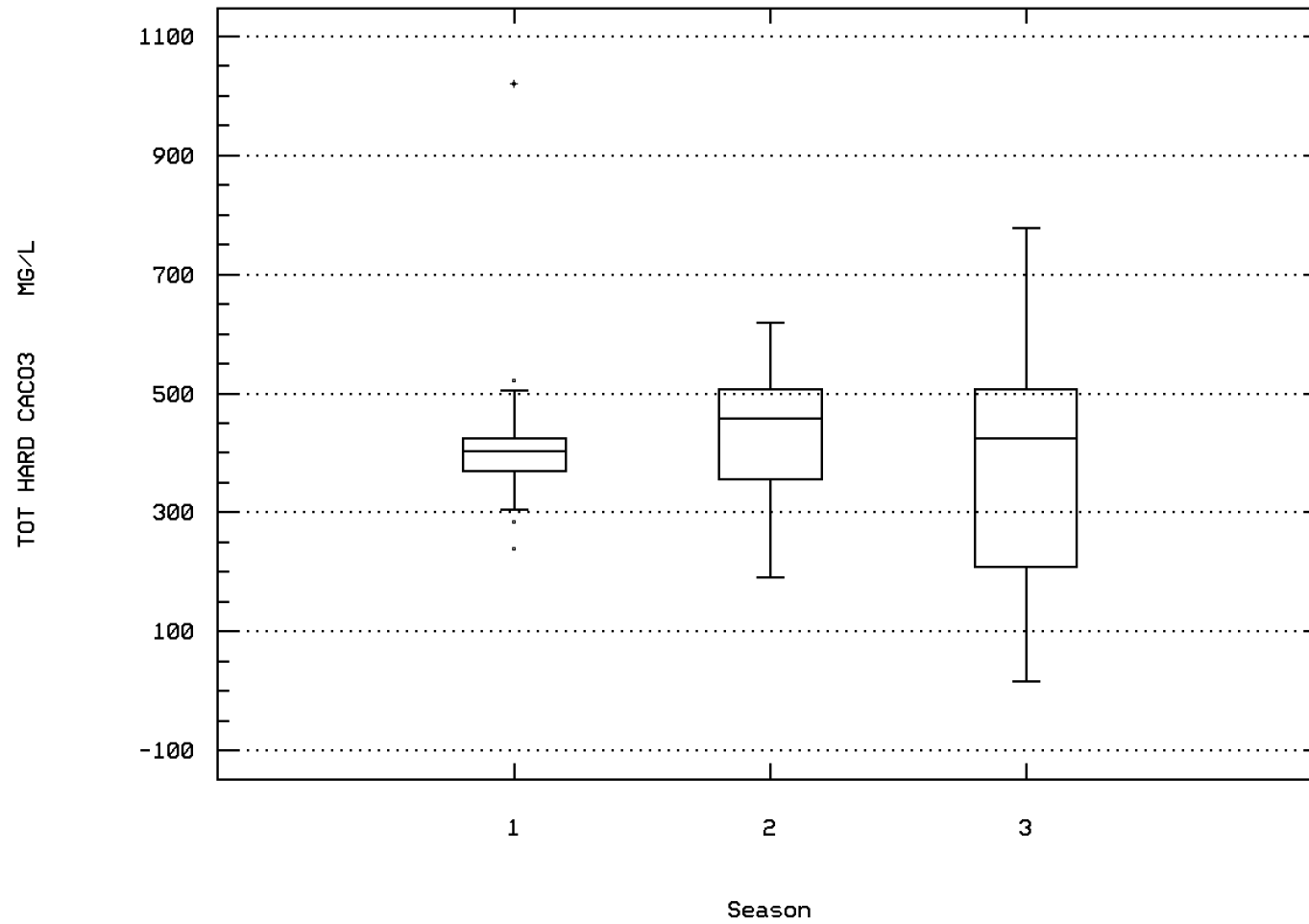
ALKALINITY, TOTAL (MG/L AS CaCO3)



LOS ANGELES RIVER AT TUJUNGA AVE

Station: SAM00001 Parameter Code: 00900

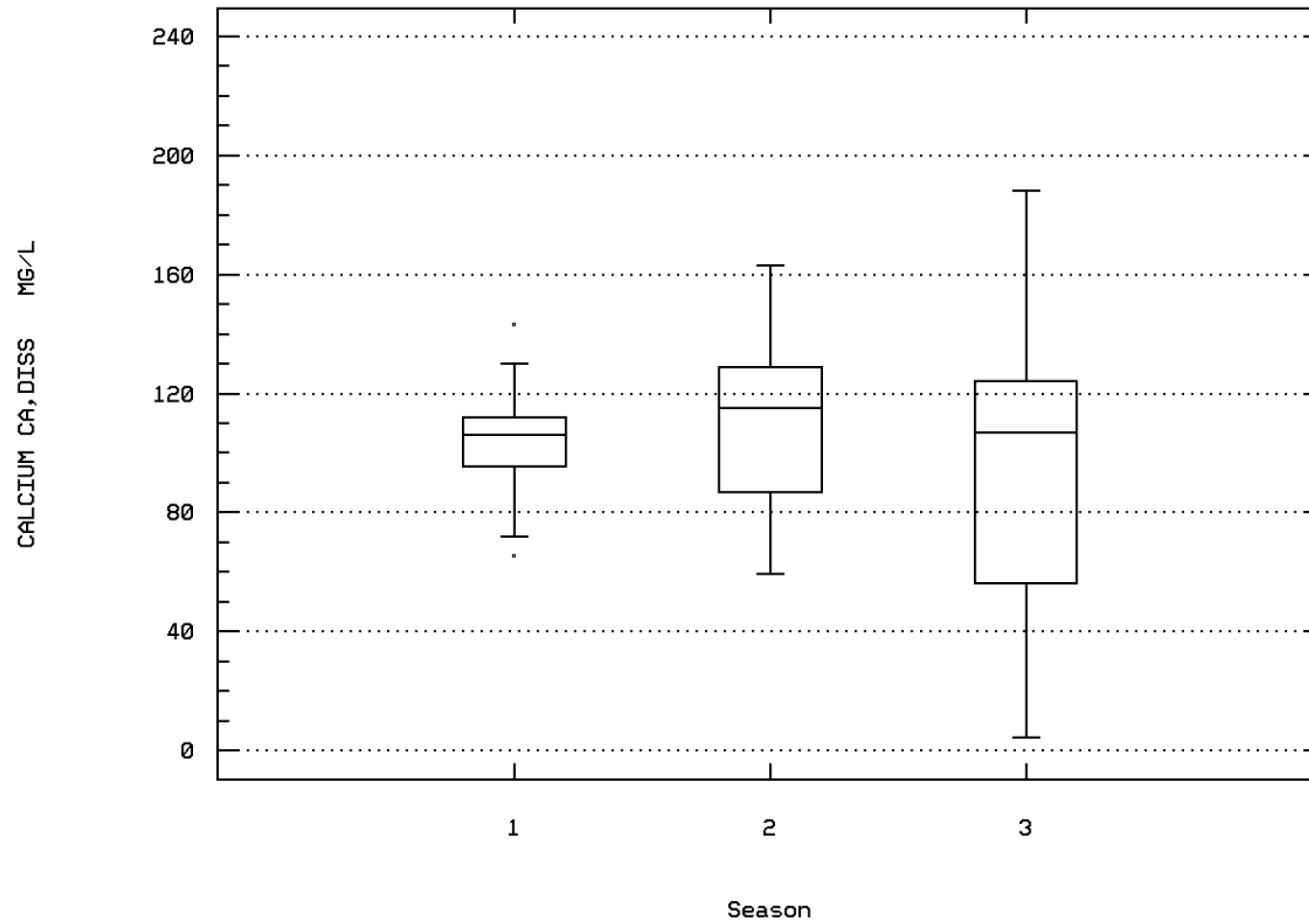
HARDNESS, TOTAL (MG/L AS CaCO3)



LOS ANGELES RIVER AT TUJUNGA AVE

Station: SAM00001 Parameter Code: 00915

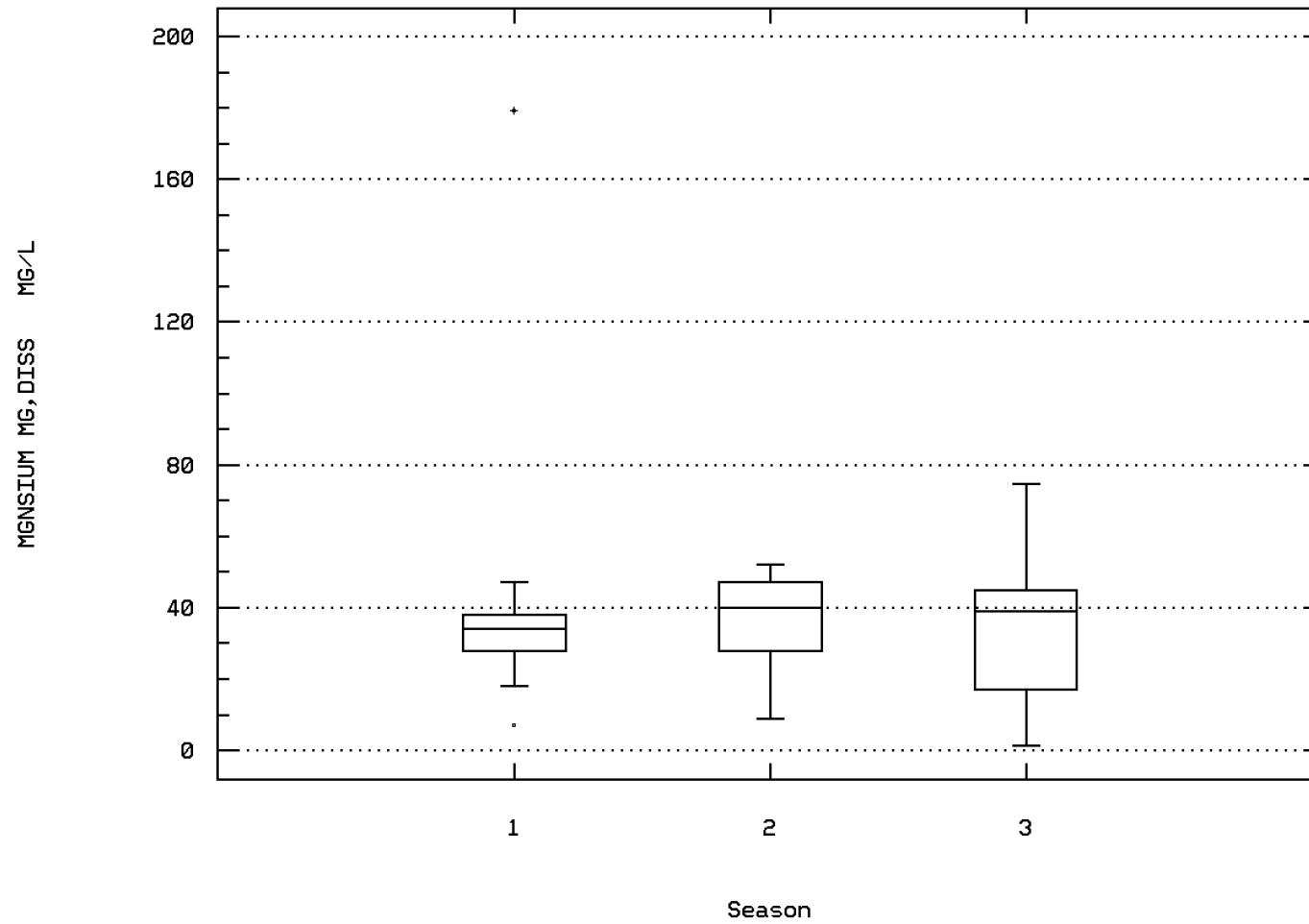
CALCIUM, DISSOLVED (MG/L AS CA)



LOS ANGELES RIVER AT TUJUNGA AVE

Station: SAM00001 Parameter Code: 00925

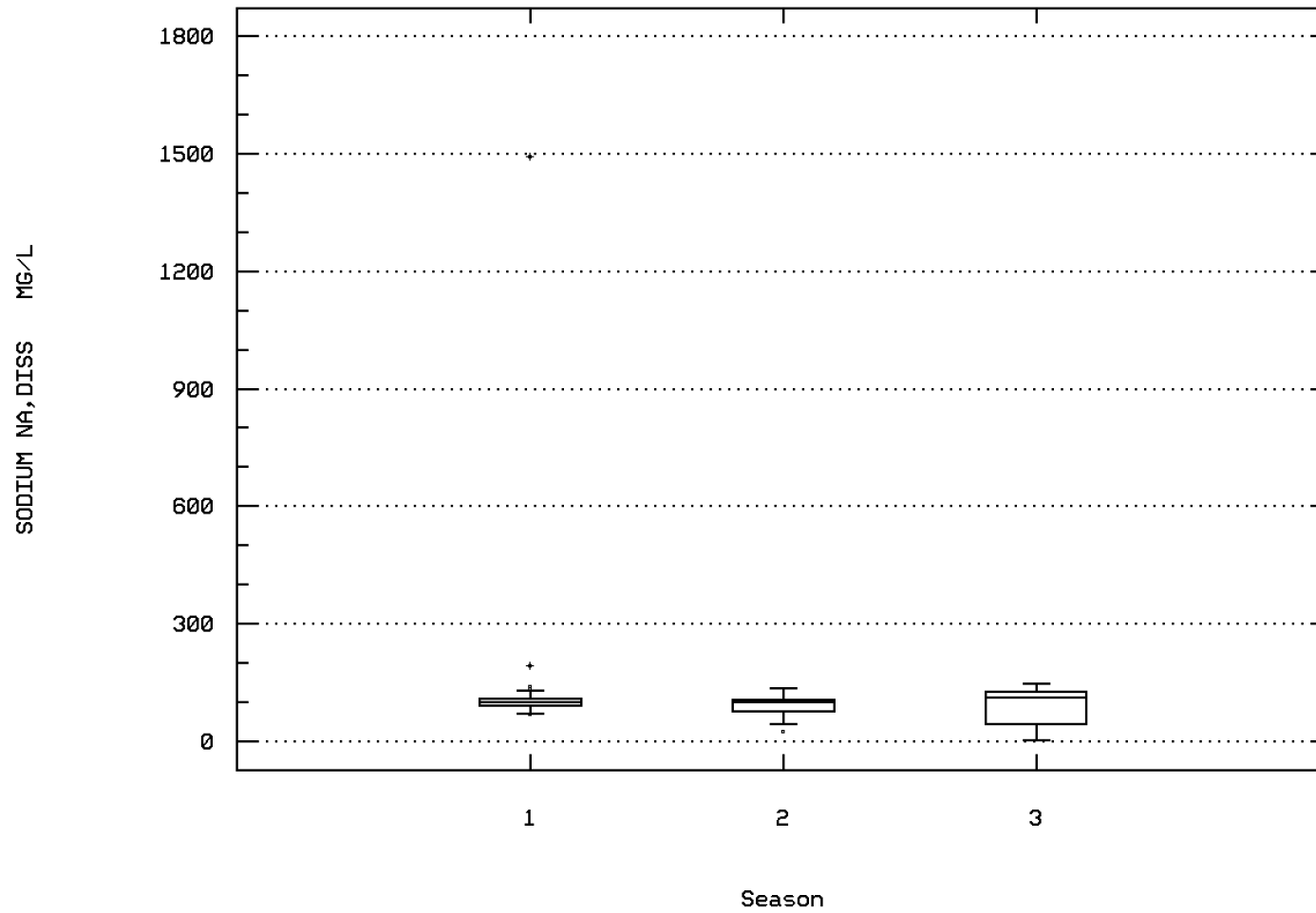
MAGNESIUM, DISSOLVED (MG/L AS MG)



LOS ANGELES RIVER AT TUJUNGA AVE

Station: SAM00001 Parameter Code: 00930

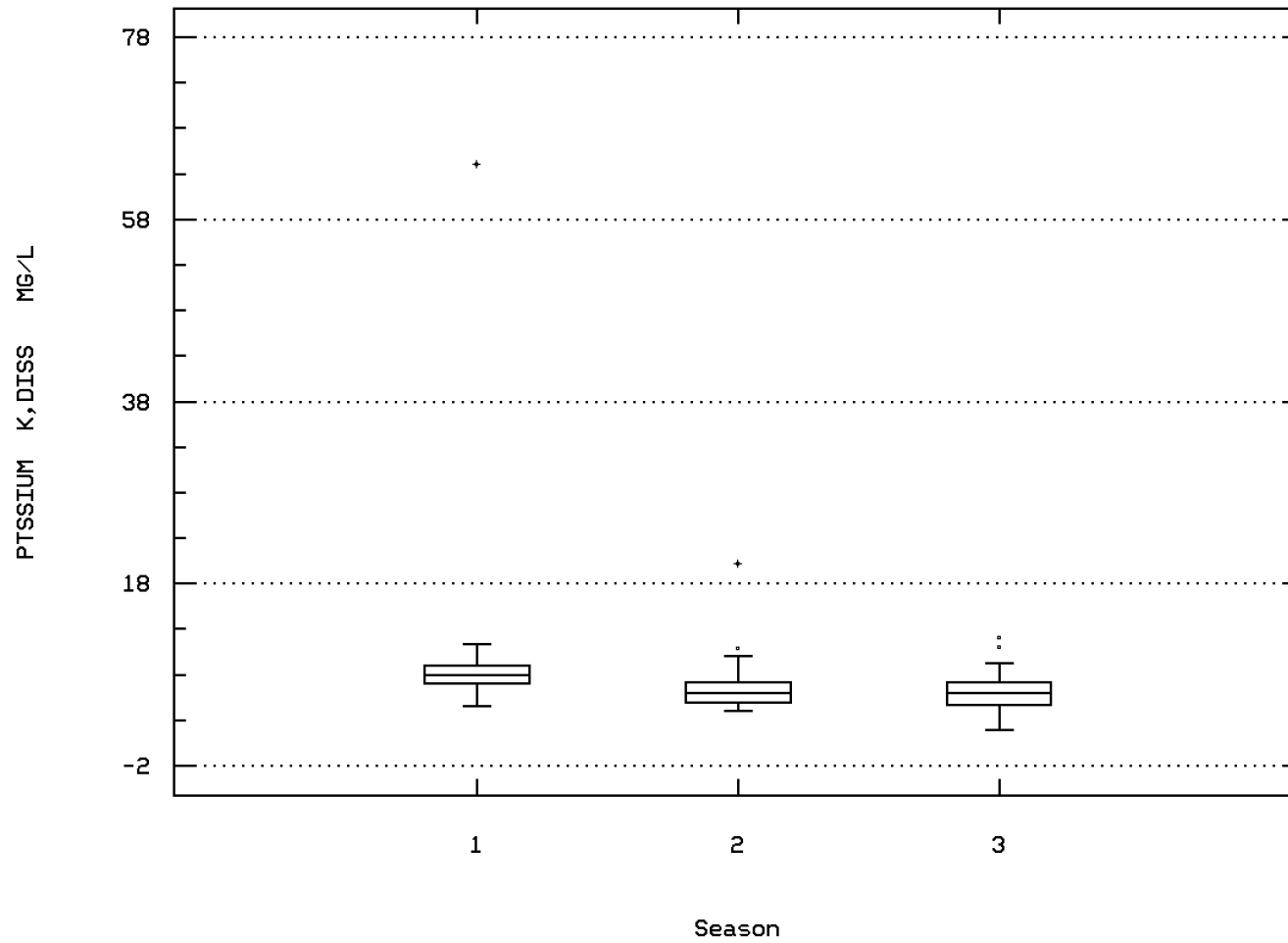
SODIUM, DISSOLVED (MG/L AS NA)



LOS ANGELES RIVER AT TUJUNGA AVE

Station: SAM00001 Parameter Code: 00935

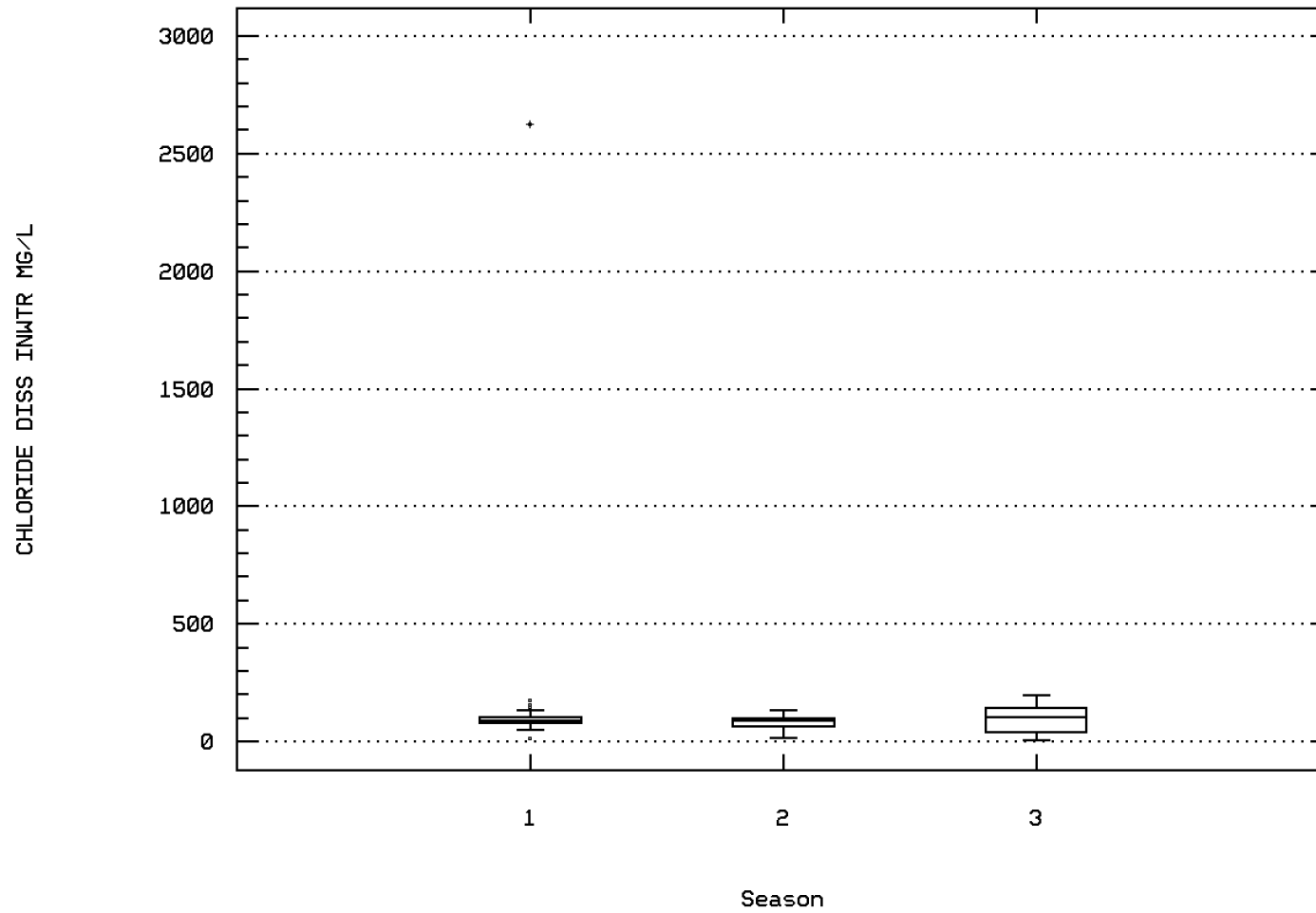
POTASSIUM, DISSOLVED (MG/L AS K)



LOS ANGELES RIVER AT TUJUNGA AVE

Station: SAM00001 Parameter Code: 00941

CHLORIDE, DISSOLVED IN WATER

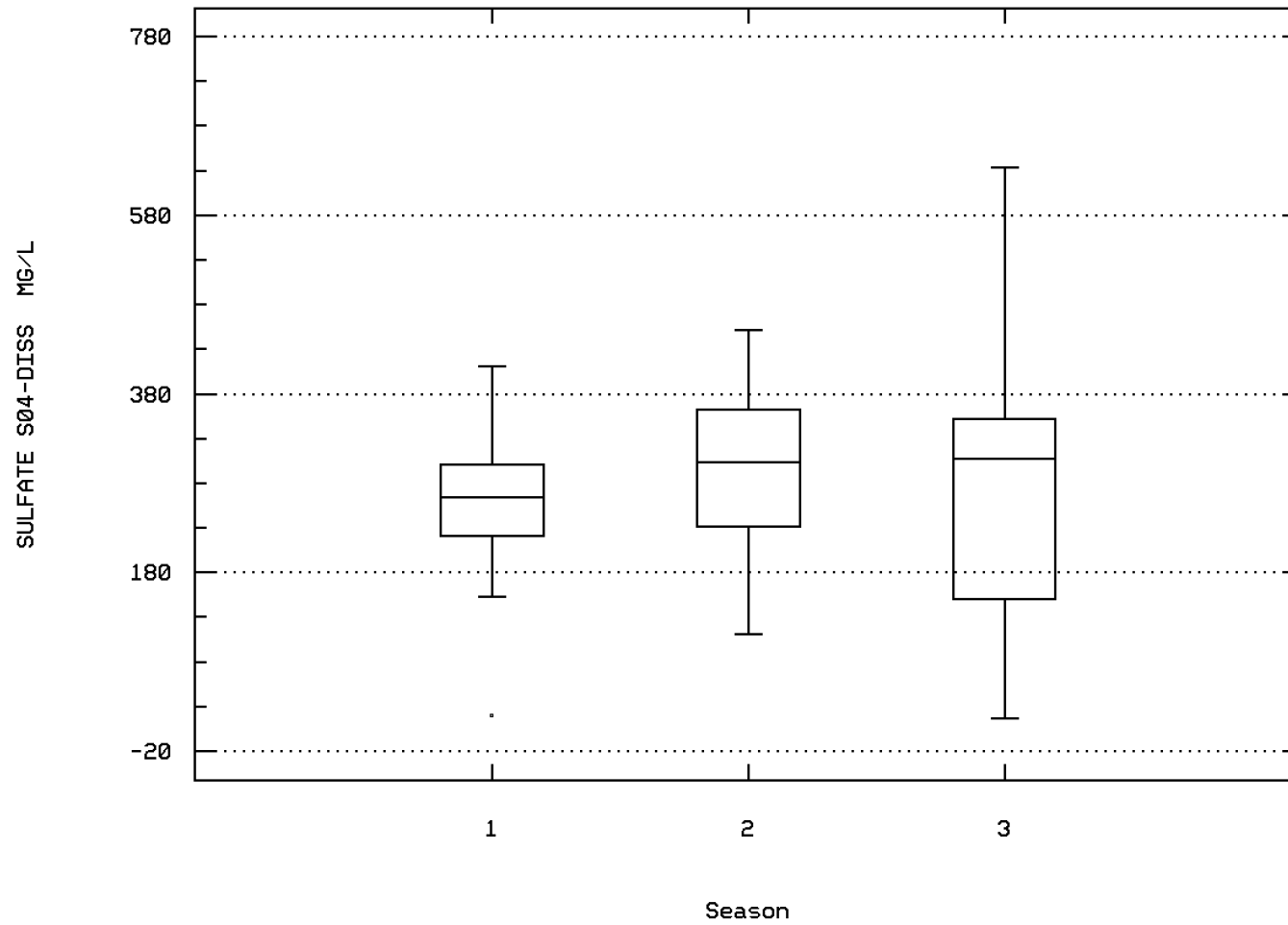


LOS ANGELES RIVER AT TUJUNGA AVE



Station: SAM00001 Parameter Code: 00946

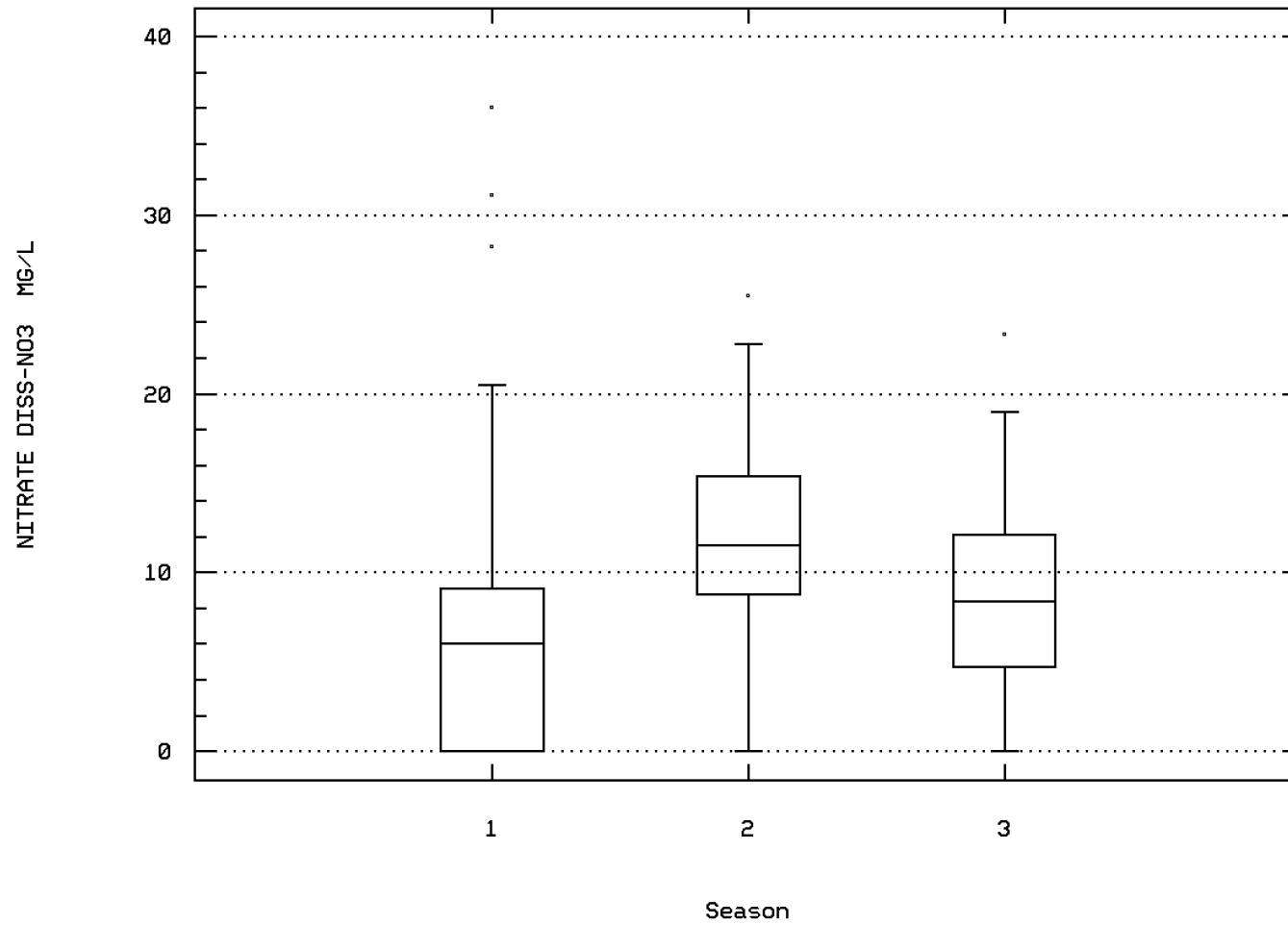
SULFATE, DISSOLVED (MG/L AS S04)



LOS ANGELES RIVER AT TUJUNGA AVE

Station: SAM00001 Parameter Code: 71851

NITRATE NITROGEN, DISSOLVED (MG/L AS NO



LOS ANGELES RIVER AT TUJUNGA AVE

## Station Inventory for Station: SAMO0002

NPS Station ID: SAMO0002  
 Location: LOS ANGELES RIVER @ TUJUNGA  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070105  
 Major Basin: LOS ANGELES RIVER  
 Minor Basin: VAN NUYS QUADRANGLE F300-R  
 RF1 Index: 18070105010  
 RF3 Index: 18070105000809.32  
 Description:

LAT/LON: 34.140837/-118.378616

Depth of Water: 999  
 Elevation: 0  
 RF1 Mile Point: 13.140  
 RF3 Mile Point: 10.25

Agency: 21CALAFD  
 FIPS State/County: 06037 CALIFORNIA/LOS ANGELES  
 STORET Station ID(s): LARTUJ /Z6136500 /TG 23D4J9 1  
 Within Park Boundary: No

Date Created: / /

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 0.00  
 Distance from RF3: 0.13

On/Off RF1: ON  
 On/Off RF3:

### Parameter Inventory for Station: SAMO0002

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/05/67-10/07/81	144	13.55	13.574	25.	0.6	28.842	5.371	6.6	9.55	18.3	20.
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/05/67-05/16/91	236	58.	58.033	91.	33.	100.302	10.015	45.	50.1	65.	70.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/28/74-03/16/77	4	3800.	3200.	4400.	800.	2806666.667	1675.311	**	**	**	**
00064	DEPTH OF STREAM, MEAN (FT)	10/28/74-10/28/74	1	3.7	3.7	3.7	3.7	0.	0.	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/05/67-05/16/91	256	1105.	1022.262	1860.	60.	152427.002	390.419	335.9	856.	1260.	1453.
00300	OXYGEN, DISSOLVED MG/L	08/03/67-05/09/84	189	8.1	8.372	18.3	1.1	6.249	2.5	5.2	6.7	10.1	11.6
00310p	BOD, 5 DAY, 20 DEG C MG/L	07/05/67-04/17/91	202	6.	8.151	64.	0.5	57.683	7.595	2.93	4.	9.	18.
00340	COD, .25N K2CR2O7 MG/L	07/05/67-05/09/84	188	38.5	54.553	639.	0.	5496.516	74.138	15.	24.	59.	80.1
00403p	PH, LAB, STANDARD UNITS SU	07/05/67-05/16/91	251	8.1	7.988	9.7	6.5	0.217	0.466	7.4	7.7	8.2	8.5
00403p	CONVERTED PH, LAB, STANDARD UNITS	07/05/67-05/16/91	251	8.1	7.674	9.7	6.5	0.316	0.562	7.4	7.7	8.2	8.5
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/05/67-05/16/91	251	0.008	0.021	0.316	0.	0.002	0.042	0.003	0.006	0.02	0.04
00440p	BICARBONATE ION (MG/L AS HCO3)	07/05/67-05/16/91	221	230.	221.262	350.	12.	4040.876	63.568	130.2	172.5	267.	299.8
00445	CARBONATE ION (MG/L AS CO3)	07/05/67-07/06/79	112	0.	1.223	24.	0.	20.95	4.577	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/09/80-03/04/83	13	770.	1171.	4390.	176.	1373874.5	1172.124	239.6	478.5	1695.5	3626.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/09/80-03/04/83	13	88.	110.231	420.	12.	10604.692	102.979	19.2	46.	118.	324.
00547	RESIDUE, TOTAL NON-SETTLEABLE (MG/L)	10/05/73-03/27/79	7	360.	312.857	579.	4.	40871.476	202.167	**	**	**	**
00549	RESIDUE, VOLATILE NONSETTLEABLE (MG/L)	12/28/77-03/27/79	6	67.5	62.333	77.	26.	378.667	19.459	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	12/04/81-12/04/81	1	0.73	0.73	0.73	0.73	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/03/79-05/16/91	84	0.395	5.294	24.1	0.005	49.7	7.05	0.02	0.083	12.15	16.85
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/05/67-11/02/79	140	0.	0.252	4.66	0.	0.524	0.724	0.	0.	0.118	0.777
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/08/80-05/16/91	79	0.2	0.652	7.68	0.005	1.437	1.199	0.03	0.06	0.6	1.7
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/05/67-05/16/91	222	1.895	2.637	16.02	0.	7.435	2.727	0.091	1.034	3.138	6.289
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/04/79-02/06/80	5	2.29	2.826	6.83	0.94	5.665	2.38	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/04/80-04/17/91	55	10.2	13.638	82.	0.5	181.815	13.484	3.48	6.8	16.5	26.28
00900p	HARDNESS, TOTAL (MG/L AS CaCO3)	07/05/67-05/16/91	206	390.	373.782	777.	16.	16218.494	127.352	200.7	264.	459.5	523.9
00916p	CALCIUM, TOTAL (MG/L AS Ca)	07/05/67-05/16/91	206	100.	96.455	198.	4.2	1170.659	34.215	49.51	70.975	121.	134.3
00927p	MAGNESIUM, TOTAL (MG/L AS MG)	07/05/67-05/16/91	206	33.	32.263	74.6	1.2	151.038	12.29	17.67	22.175	41.05	48.93
00929p	SODIUM, TOTAL (MG/L AS Na)	07/05/67-05/16/91	206	99.65	94.608	191.	4.2	811.955	28.495	51.94	80.9	111.25	129.3
00937p	POTASSIUM, TOTAL MG/L AS K)	07/05/67-05/16/91	206	6.95	8.052	20.2	0.8	14.074	3.752	4.5	5.775	9.35	14.43
00940p	CHLORIDE, TOTAL IN WATER MG/L	07/05/67-05/16/91	221	95.	94.299	195.	7.	1265.129	35.569	48.	74.	112.	141.8
00945p	SULFATE, TOTAL (MG/L AS SO4)	07/05/67-05/16/91	221	252.	253.724	633.	17.	11334.773	106.465	119.6	165.5	322.5	388.8
00951	FLUORIDE, TOTAL (MG/L AS F)	12/01/82-05/16/91	51	0.56	0.58	1.3	0.24	0.035	0.187	0.374	0.44	0.67	0.798
01002	ARSENIC, TOTAL (UG/L AS AS)	05/02/77-05/16/91	35	6.	9.929	71.	1.	164.046	12.808	1.9	2.5	14.	23.4
01007	BARIUM, TOTAL (UG/L AS Ba)	05/02/77-05/16/91	35	20.	23.8	80.	5.	254.518	15.954	5.	10.	30.	40.
01022	BORON, TOTAL (UG/L AS B)	05/18/88-05/16/91	36	480.	493.611	950.	290.	19160.873	138.423	304.	402.5	557.5	680.
01027	CADMIUM, TOTAL (UG/L AS CD)	05/02/77-05/16/91	35 ###	5.	5.286	10.	5.	1.151	1.073	5.	5.	5.	5.4
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	05/18/88-05/16/91	34 ###	10.	9.824	15.	5.	6.513	2.552	5.	10.	10.	14.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/02/77-05/16/91	35 ###	10.	12.029	30.	5.	29.323	5.415	5.	10.	15.	17.

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

# Parameter Inventory for Station: SAMO0002

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
01042	COPPER, TOTAL (UG/L AS CU)	05/02/77-05/16/91	35	10.	17.171	100.	5.	355.617	18.858	5.	10.	20.	28.
01045	IRON, TOTAL (UG/L AS FE)	05/02/77-12/12/91	38	180.	276.458	1900.	0.4	149044.754	386.063	0.95	82.5	335.	593.
01051	LEAD, TOTAL (UG/L AS PB)	05/02/77-05/16/91	35 ##	5.	19.286	130.	5.	925.21	30.417	5.	5.	20.	58.
01055	MANGANESE, TOTAL (UG/L AS MN)	05/02/77-05/16/91	35	30.	34.229	80.	5.	330.24	18.173	16.	20.	40.	64.
01067	NICKEL, TOTAL (UG/L AS NI)	05/02/77-05/16/91	35	10.	18.457	290.	5.	2332.726	48.298	5.	5.	10.	20.
01077	SILVER, TOTAL (UG/L AS AG)	05/02/77-05/16/91	35 ##	5.	5.114	8.	5.	0.281	0.53	5.	5.	5.	5.
01092	ZINC, TOTAL (UG/L AS ZN)	05/02/77-05/16/91	35	90.	98.171	250.	5.	2321.44	48.181	50.	70.	120.	150.
01147	SELENIUM, TOTAL (UG/L AS SE)	05/02/77-05/16/91	35 ##	2.5	2.543	9.	0.5	2.903	1.704	1.	1.	2.5	5.
31503p	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	07/05/67-05/16/91	223	12000.	36273.816	1420000.	10.11538181070.691	107415.926	2240.	4600.	30300.	77800.	
31503p	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	07/05/67-05/16/91	223	4.079	4.079	6.152	1.	0.415	0.644	3.35	3.663	4.481	4.891
31503p	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			12006.08								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/70-05/16/91	180	750.	2878.25	100000.	5.	76659964.658	8755.568	141.	352.5	2075.	5690.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/70-05/16/91	180	2.875	2.911	5.	0.699	0.423	0.65	2.149	2.547	3.317	3.755
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			814.743								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/01/68-05/16/91	207	2100.	11173.696	320000.	5.	1160581703.388	34067.311	330.	790.	6000.	24280.
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/01/68-05/16/91	207	3.322	3.376	5.505	0.699	0.547	0.74	2.519	2.898	3.778	4.385
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			2377.811								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	03/18/91-05/16/91	3	70.	5696.667	17000.	20.	95824633.333	9789.006	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	03/18/91-05/16/91	3	1.845	2.459	4.23	1.301	2.428	1.558	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			287.646								
34253	A-BHC-ALPHA DISSUG/L	05/18/88-12/12/91	36 ##	0.025	0.031	0.25	0.025	0.001	0.038	0.025	0.025	0.025	0.025
34352	ENDOSULFAN SULFATE DISSUG/L	03/15/89-12/12/91	26 ##	0.05	0.125	0.5	0.025	0.028	0.168	0.043	0.05	0.05	0.5
34357	ENDOSULFAN, BETA DISSUG/L	05/18/88-12/12/91	36 ##	0.05	0.054	0.25	0.025	0.001	0.034	0.05	0.05	0.05	0.05
34362	ENDOSULFAN, ALPHA DISSUG/L	05/18/88-12/12/91	36 ##	0.05	0.054	0.25	0.025	0.001	0.034	0.05	0.05	0.05	0.05
34672	PCB - 1016 DISSUG/L	05/18/88-12/12/91	36 ##	0.25	0.238	0.25	0.025	0.003	0.052	0.25	0.25	0.25	0.25
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	05/18/88-12/12/91	36 ##	0.05	0.054	0.25	0.025	0.001	0.034	0.05	0.05	0.05	0.05
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	05/18/88-12/12/91	36 ##	0.05	0.054	0.25	0.025	0.001	0.034	0.05	0.05	0.05	0.05
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	12/12/91-12/12/91	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	05/02/77-12/12/91	37 ##	0.025	0.036	0.25	0.005	0.003	0.051	0.025	0.025	0.025	0.025
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	05/18/88-12/12/91	36 ##	0.025	0.031	0.25	0.025	0.001	0.038	0.025	0.025	0.025	0.025
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	05/02/77-05/02/77	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39352	CHLORDANE(TECH MIX & METABS),DISSOLVED,UG/L	05/18/88-12/12/91	36 ##	0.025	0.031	0.25	0.025	0.001	0.038	0.025	0.025	0.025	0.025
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	05/02/77-05/02/77	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	05/02/77-05/02/77	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	05/02/77-05/02/77	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	05/02/77-12/12/91	37 ##	0.05	0.053	0.25	0.005	0.001	0.035	0.045	0.05	0.05	0.05
39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	05/02/77-05/02/77	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	05/02/77-12/12/91	37 ##	0.05	0.053	0.25	0.005	0.001	0.035	0.045	0.05	0.05	0.05
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	05/02/77-12/12/91	33 ##	0.5	0.449	0.5	0.005	0.021	0.145	0.115	0.5	0.5	0.5
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	05/02/77-12/12/91	37 ##	0.025	0.031	0.25	0.005	0.001	0.037	0.025	0.025	0.025	0.025
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	05/02/77-12/12/91	37 ##	0.025	0.031	0.25	0.01	0.001	0.037	0.025	0.025	0.025	0.025
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	05/18/88-12/12/91	36 ##	0.25	0.238	0.25	0.025	0.003	0.052	0.25	0.25	0.25	0.25
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	05/18/88-12/12/91	36 ##	0.25	0.238	0.25	0.025	0.003	0.052	0.25	0.25	0.25	0.25
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	05/02/77-12/12/91	37 ##	0.25	0.231	0.25	0.005	0.004	0.064	0.205	0.25	0.25	0.25
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	05/18/88-12/12/91	36 ##	0.25	0.238	0.25	0.025	0.003	0.052	0.25	0.25	0.25	0.25
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	05/02/77-12/12/91	37 ##	0.5	0.447	0.5	0.005	0.02	0.141	0.205	0.5	0.5	0.5
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	05/18/88-12/12/91	36 ##	0.5	0.46	0.5	0.025	0.015	0.122	0.25	0.5	0.5	0.5
39780	DICOFOL IN WHOLE WATER SAMPLE (UG/L)	05/02/77-05/02/77	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	05/02/77-12/12/91	37 ##	0.025	0.031	0.25	0.005	0.001	0.037	0.025	0.025	0.025	0.025
45501	HYDROCARBON IN WATER, FREON EXT. CHROMAT, IR MG/L	05/18/88-05/16/91	35 ##	0.5	0.509	1.05	0.1	0.051	0.226	0.1	0.5	0.5	0.9
46323	DELTA-BHC IN WHOLE WATER SMAPLE (UG/L)	05/18/88-12/12/91	36 ##	0.025	0.031	0.25	0.025	0.001	0.038	0.025	0.025	0.025	0.025
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/02/77-05/16/91	136	636.5	625.684	1344.	52.	76486.514	276.562	159.2	470.5	809.5	973.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/05/67-07/06/79	111	898.	865.766	1470.	50.	49064.672	221.505	546.8	793.	1016.	1101.6
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	11/06/68-05/16/91	203	0.2	0.907	14.	0.	3.259	1.805	0.03	0.08	0.55	3.48
71850p	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	07/05/67-01/24/91	164	8.85	11.793	70.9	0.	148.38	12.181	0.	4.6	14.75	24.75
71900	MERCURY, TOTAL (UG/L AS HG)	04/01/71-05/16/91	36 ##	0.5	0.522	1.	0.3	0.015	0.122	0.5	0.5	0.5	0.5

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

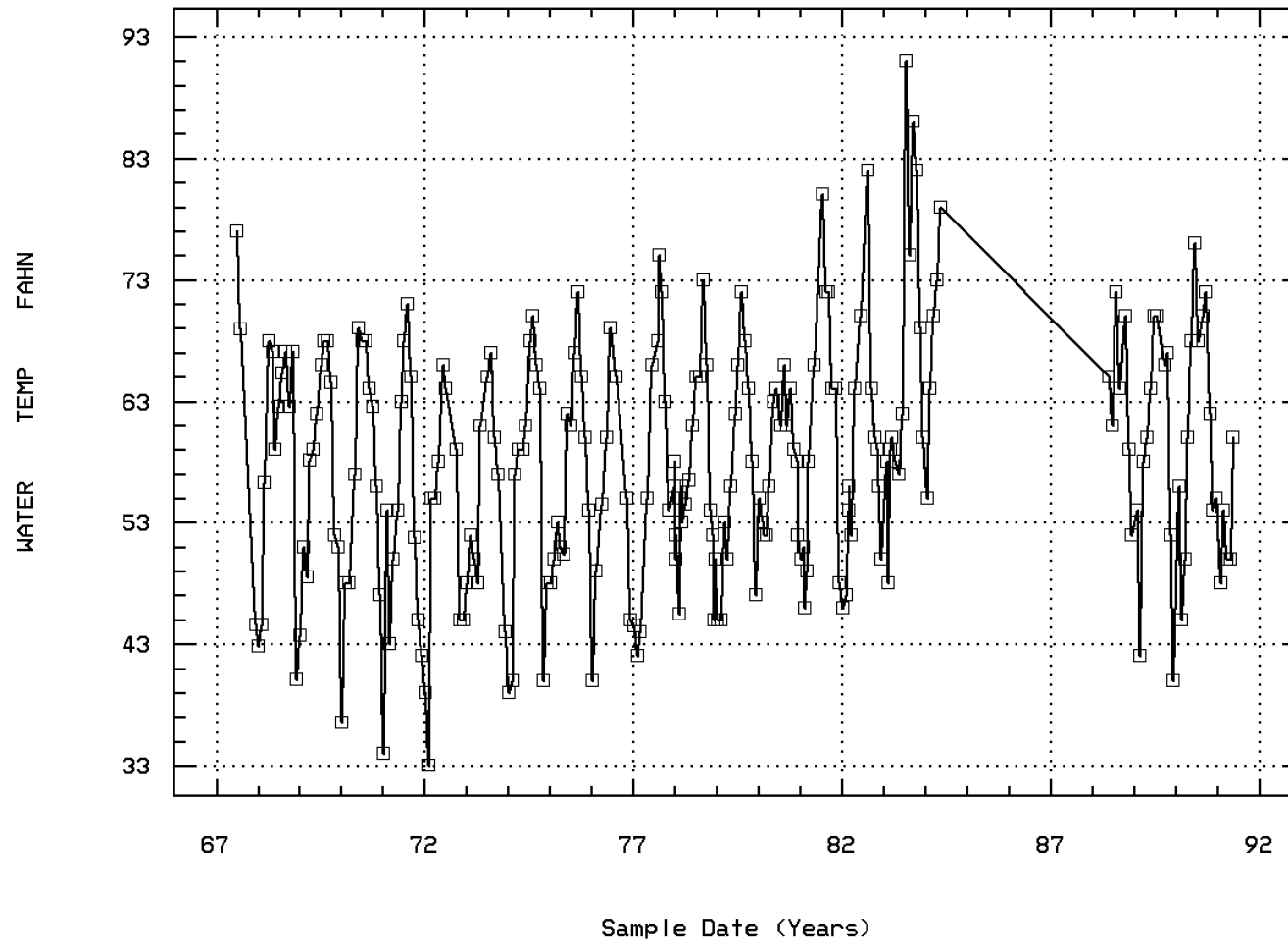
# EPA Water Quality Criteria Analysis for Station: SAMO0002

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	189	7	0.04	79	7	0.09	65	0	0.00	45	0	0.00			
00403 PH, LAB	Other-Hi Lim.	9.	251	4	0.02	93	3	0.03	96	0	0.00	62	1	0.02			
	Other-Lo Lim.	6.5	251	1	0.00	93	1	0.01	96	0	0.00	62	0	0.00			
00615 NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	79	15	0.19	31	7	0.23	26	3	0.12	22	5	0.23			
00620 NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	222	9	0.04	92	4	0.04	75	3	0.04	55	2	0.04			
00630 NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	5	0	0.00	1	0	0.00	4	0	0.00						
00940 CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	221	0	0.00	89	0	0.00	77	0	0.00	55	0	0.00			
	Drinking Water	250.	221	0	0.00	89	0	0.00	77	0	0.00	55	0	0.00			
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	221	112	0.51	89	43	0.48	77	37	0.48	55	32	0.58			
00951 FLUORIDE, TOTAL AS F	Drinking Water	4.	51	0	0.00	17	0	0.00	19	0	0.00	15	0	0.00			
01002 ARSENIC, TOTAL	Fresh Acute	360.	35	0	0.00	14	0	0.00	10	0	0.00	11	0	0.00			
	Drinking Water	50.	35	1	0.03	14	1	0.07	10	0	0.00	11	0	0.00			
01007 BARIUM, TOTAL	Drinking Water	2000.	35	0	0.00	14	0	0.00	10	0	0.00	11	0	0.00			
01027 CADMIUM, TOTAL	Fresh Acute	3.9	2 &	2	1.00							2	2	1.00			
	Drinking Water	5.	2 &	2	1.00							2	2	1.00			
01032 CHROMIUM, HEXAVALENT	Fresh Acute	16.	34	0	0.00	14	0	0.00	10	0	0.00	10	0	0.00			
	Drinking Water	100.	34	0	0.00	14	0	0.00	10	0	0.00	10	0	0.00			
01034 CHROMIUM, TOTAL	Drinking Water	100.	35	0	0.00	14	0	0.00	10	0	0.00	11	0	0.00			
01042 COPPER, TOTAL	Fresh Acute	18.	35	14	0.40	14	5	0.36	10	2	0.20	11	7	0.64			
	Drinking Water	1300.	35	0	0.00	14	0	0.00	10	0	0.00	11	0	0.00			
01051 LEAD, TOTAL	Fresh Acute	82.	35	2	0.06	14	0	0.00	10	1	0.10	11	1	0.09			
	Drinking Water	15.	35	9	0.26	14	1	0.07	10	4	0.40	11	4	0.36			
01067 NICKEL, TOTAL	Fresh Acute	1400.	35	0	0.00	14	0	0.00	10	0	0.00	11	0	0.00			
	Drinking Water	100.	35	1	0.03	14	0	0.00	10	0	0.00	11	1	0.09			
01077 SILVER, TOTAL	Fresh Acute	4.1	1 &	1	1.00							1	1	1.00			
	Drinking Water	100.	35	0	0.00	14	0	0.00	10	0	0.00	11	0	0.00			
01092 ZINC, TOTAL	Fresh Acute	120.	35	9	0.26	14	4	0.29	10	1	0.10	11	4	0.36			
	Drinking Water	5000.	35	0	0.00	14	0	0.00	10	0	0.00	11	0	0.00			
01147 SELENIUM, TOTAL	Fresh Acute	20.	35	0	0.00	14	0	0.00	10	0	0.00	11	0	0.00			
	Drinking Water	50.	35	0	0.00	14	0	0.00	10	0	0.00	11	0	0.00			
31503 COLIFORM, TOTAL, MEMBRANE FILTER, DELAY.	Other-Hi Lim.	1000.	223	213	0.96	92	86	0.93	76	73	0.96	55	54	0.98			
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	180	156	0.87	73	68	0.93	61	51	0.84	46	37	0.80			
34357 ENDOSULFAN, BETA, DISSOLVED	Fresh Acute	0.22	35 &	0	0.00	13	0	0.00	12	0	0.00	10	0	0.00			
34362 ENDOSULFAN, ALPHA, DISSOLVED	Fresh Acute	0.22	35 &	0	0.00	13	0	0.00	12	0	0.00	10	0	0.00			
39300 P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	36	0	0.00	14	0	0.00	12	0	0.00	10	0	0.00			
39310 P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	36	0	0.00	14	0	0.00	12	0	0.00	10	0	0.00			
39320 P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	1	0	0.00				1	0	0.00						
39330 ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	37	0	0.00	14	0	0.00	12	0	0.00	11	0	0.00			
39340 GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	1	0	0.00							1	0	0.00			
	Drinking Water	0.2	1	0	0.00							1	0	0.00			
39352 CHLORDANE(TECH MIX & METABS), DISSOLVED	Fresh Acute	2.4	36	0	0.00	14	0	0.00	12	0	0.00	10	0	0.00			
	Drinking Water	2.	36	0	0.00	14	0	0.00	12	0	0.00	10	0	0.00			
39360 DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	1	0	0.00							1	0	0.00			
39365 DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	1	0	0.00							1	0	0.00			
39370 DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	1	0	0.00							1	0	0.00			
39380 DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	37	0	0.00	14	0	0.00	12	0	0.00	11	0	0.00			
39388 ENDOSULFAN IN WHOLE WATER SAMPLE	Fresh Acute	0.22	1	0	0.00							1	0	0.00			
39390 ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	36 &	0	0.00	13	0	0.00	12	0	0.00	11	0	0.00			
	Drinking Water	2.	37	0	0.00	14	0	0.00	12	0	0.00	11	0	0.00			
39400 TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	33	0	0.00	14	0	0.00	11	0	0.00	8	0	0.00			
	Drinking Water	3.	33	0	0.00	14	0	0.00	11	0	0.00	8	0	0.00			
39410 HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	37	0	0.00	14	0	0.00	12	0	0.00	11	0	0.00			
	Drinking Water	0.4	37	0	0.00	14	0	0.00	12	0	0.00	11	0	0.00			
39420 HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	37	0	0.00	14	0	0.00	12	0	0.00	11	0	0.00			
	Drinking Water	0.2	36 &	0	0.00	13	0	0.00	12	0	0.00	11	0	0.00			
39782 LINDANE IN WHOLE WATER SAMPLE	Fresh Acute	2.	37	0	0.00	14	0	0.00	12	0	0.00	11	0	0.00			
	Drinking Water	0.2	36 &	0	0.00	13	0	0.00	12	0	0.00	11	0	0.00			
71850 NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	164	7	0.04	69	3	0.04	56	3	0.05	39	1	0.03			
71900 MERCURY, TOTAL	Fresh Acute	2.4	36	0	0.00	14	0	0.00	10	0	0.00	12	0	0.00			
	Drinking Water	2.	36	0	0.00	14	0	0.00	10	0	0.00	12	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station: SAM00002 Parameter Code: 00011

TEMPERATURE, WATER (DEGREES FAHRENHEIT)

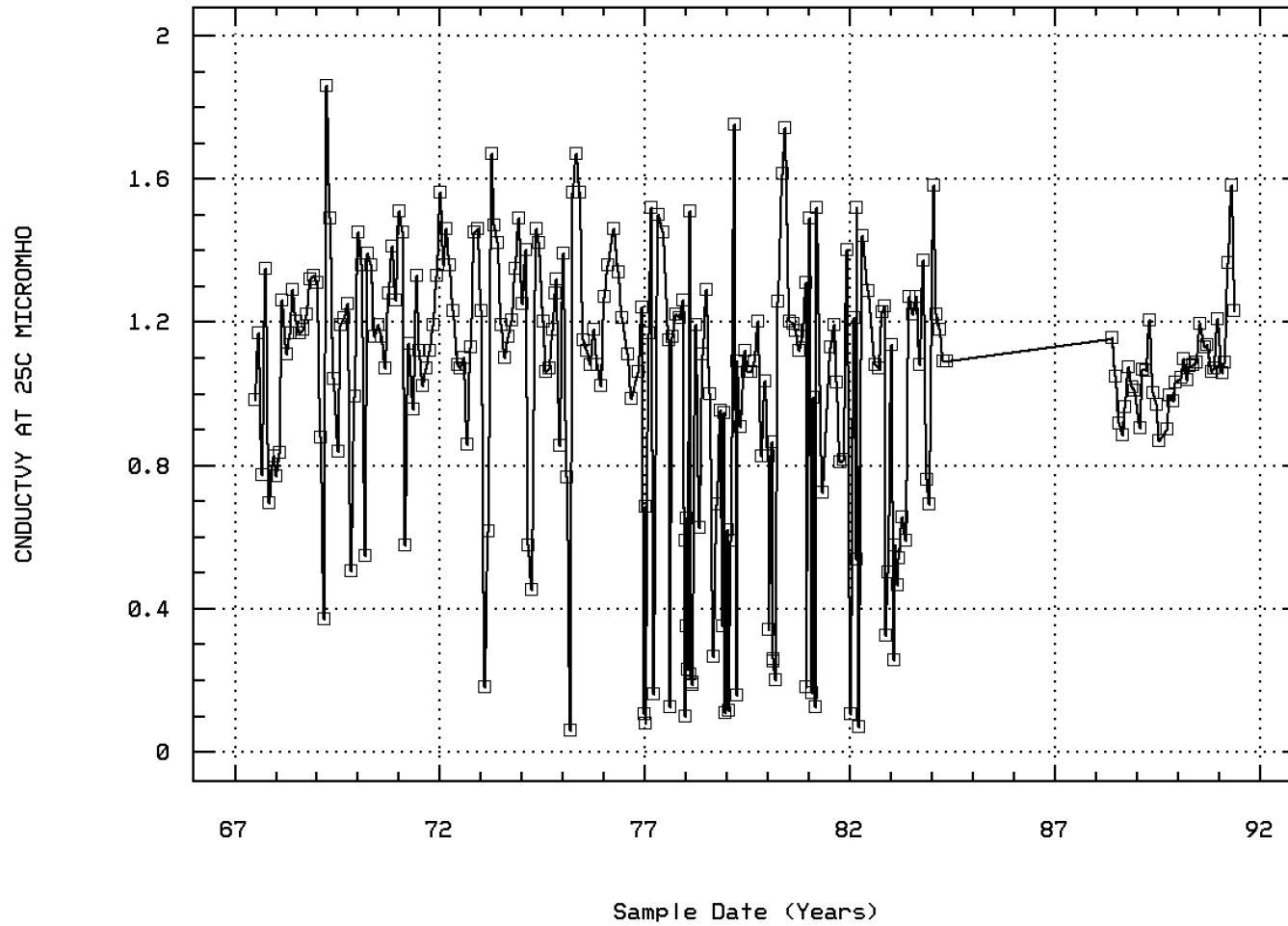


LOS ANGELES RIVER @ TUJUNGA

Station: SAM00002 Parameter Code: 00095

SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)

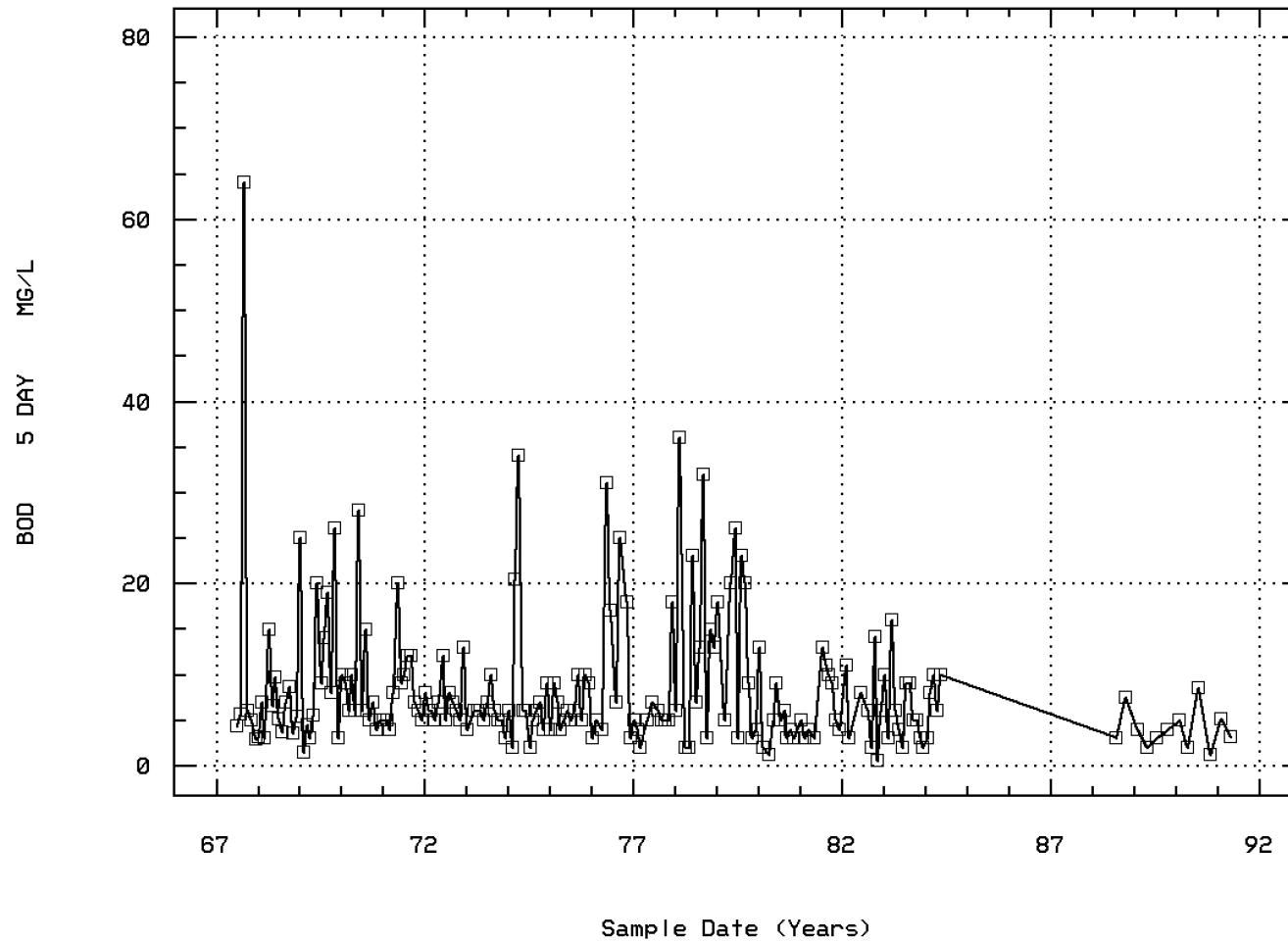
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LOS ANGELES RIVER @ TUJUNGA

Station: SAM00002 Parameter Code: 00310

BOD, 5 DAY, 20 DEG C

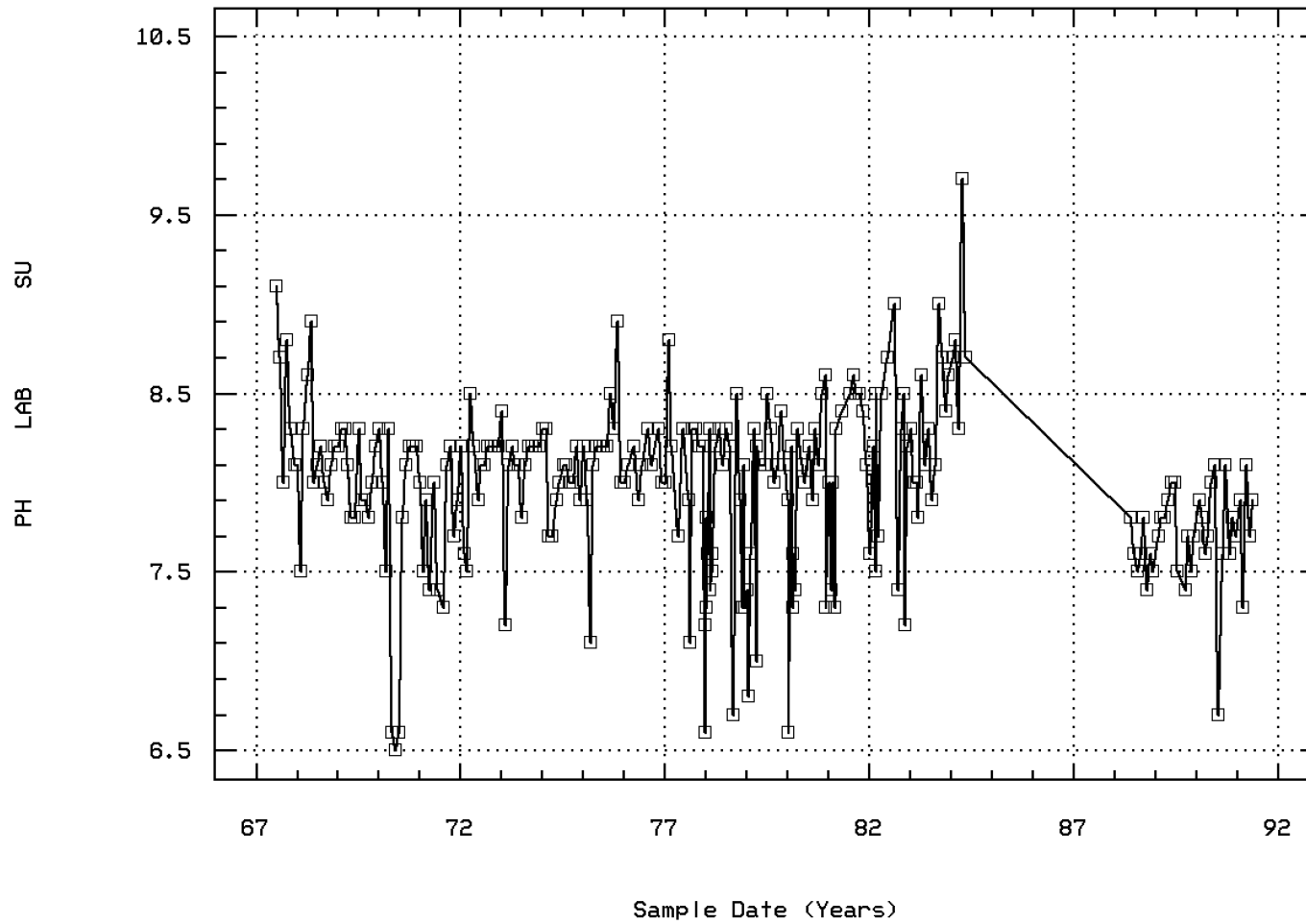


LOS ANGELES RIVER @ TUJUNGA



Station: SAM00002 Parameter Code: 00403

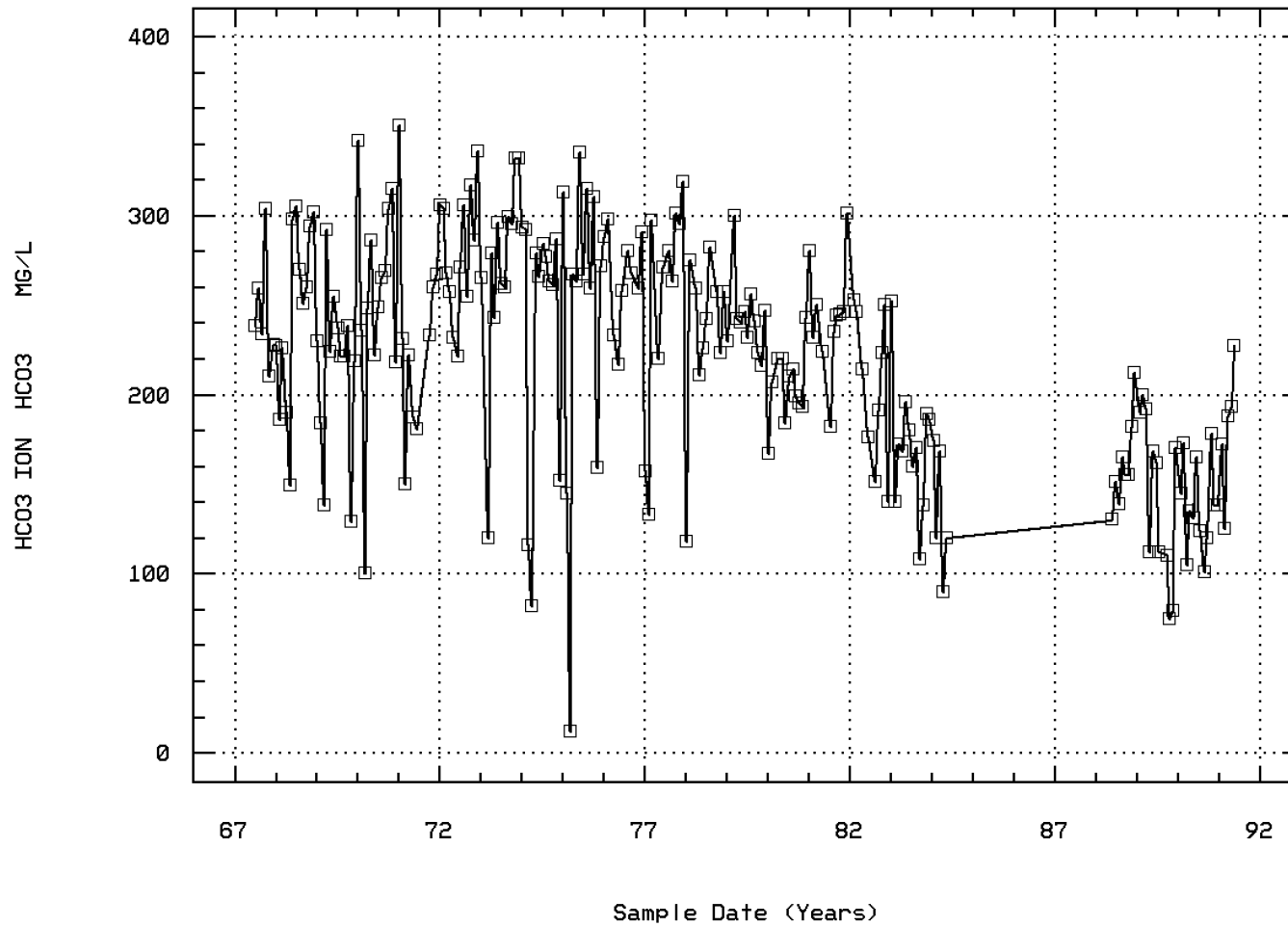
PH, LAB, STANDARD UNITS



LOS ANGELES RIVER @ TUJUNGA

Station: SAM00002 Parameter Code: 00440

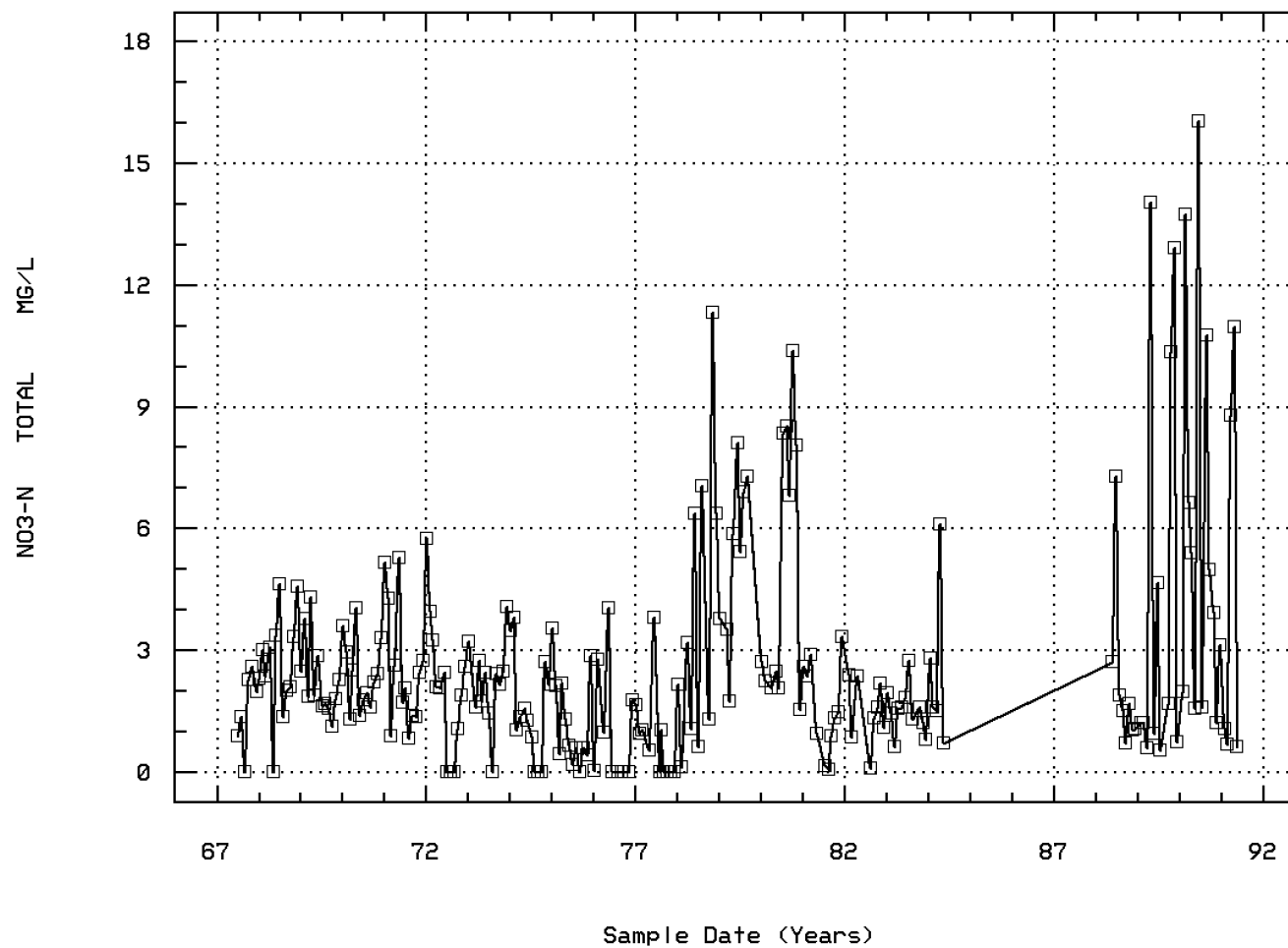
BICARBONATE ION (MG/L AS HCO<sub>3</sub>)



LOS ANGELES RIVER @ TUJUNGA

Station: SAM00002 Parameter Code: 00620

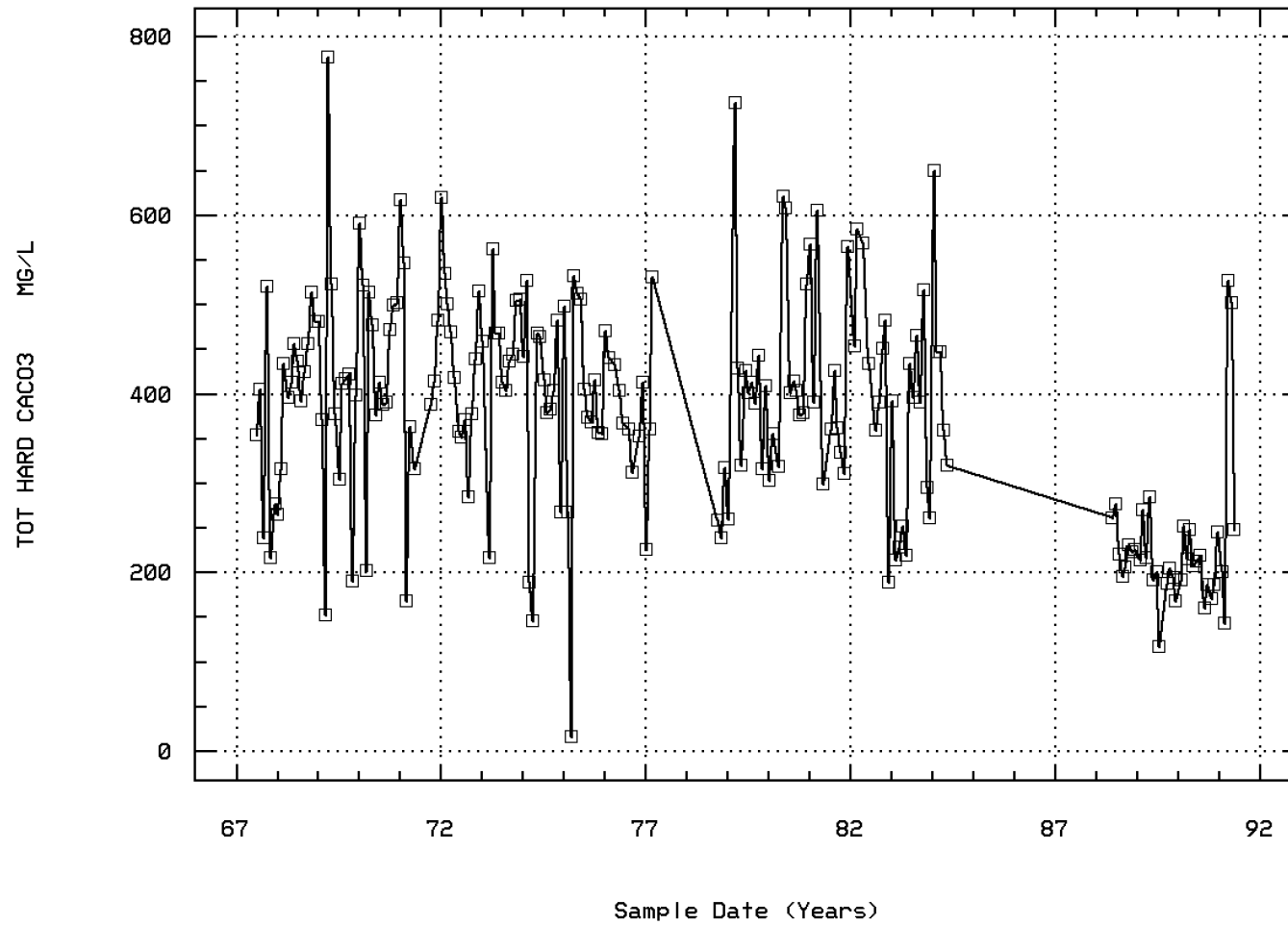
NITRATE NITROGEN, TOTAL (MG/L AS N)



LOS ANGELES RIVER @ TUJUNGA

Station: SAM00002 Parameter Code: 00900

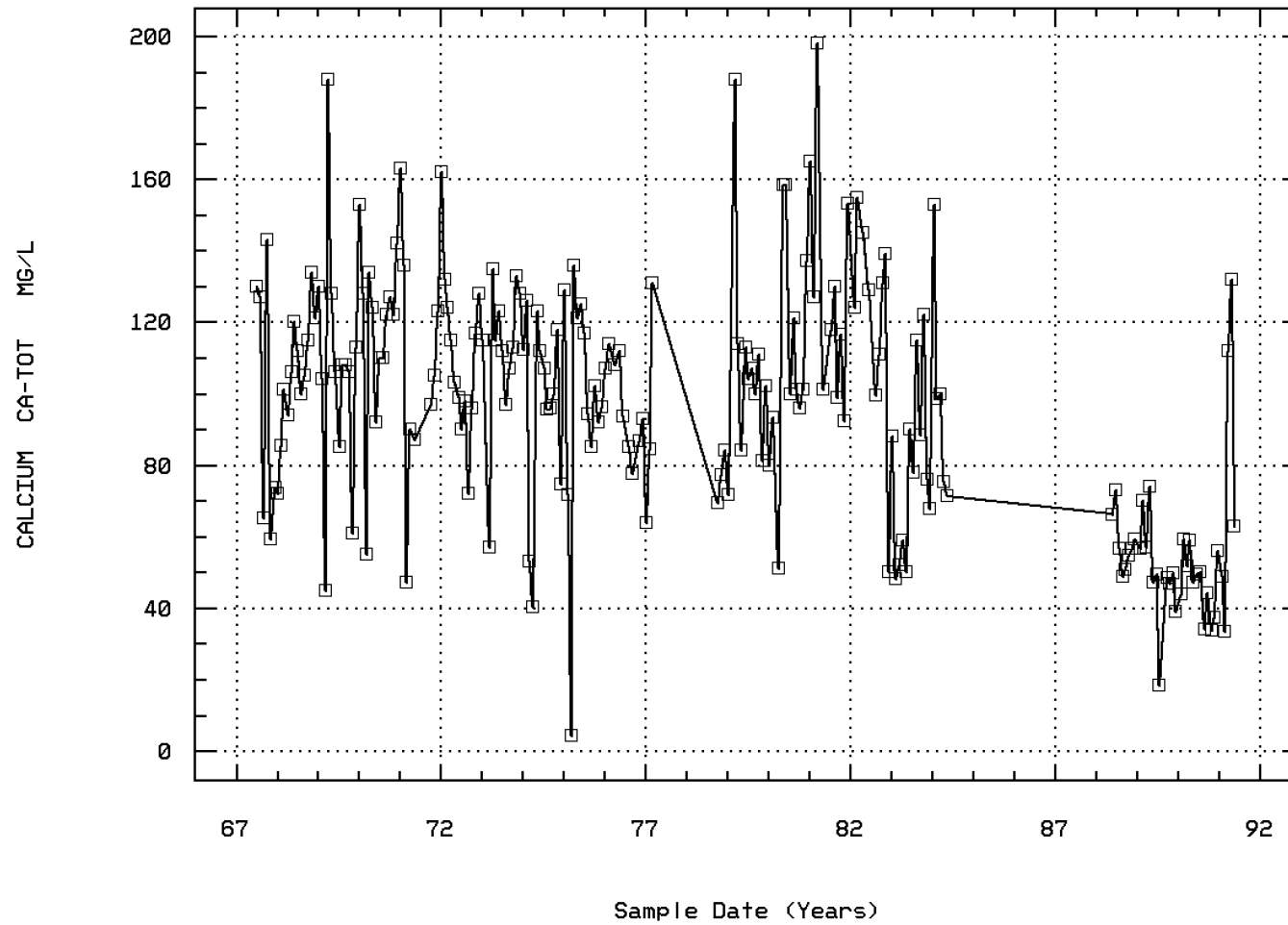
HARDNESS, TOTAL (MG/L AS CaCO3)



LOS ANGELES RIVER @ TUJUNGA

Station: SAM00002 Parameter Code: 00916

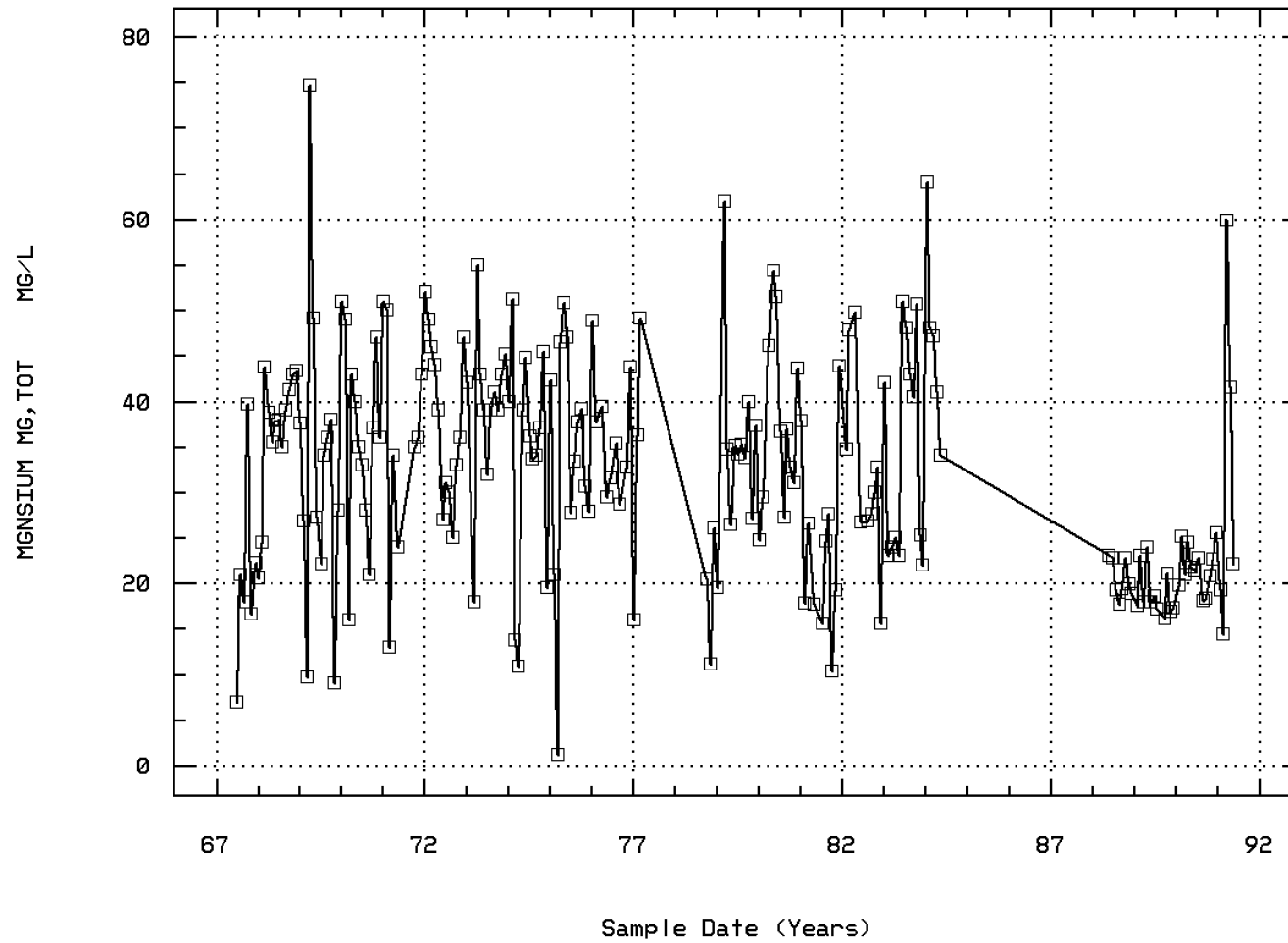
CALCIUM, TOTAL (MG/L AS CA)



LOS ANGELES RIVER @ TUJUNGA

Station: SAM00002 Parameter Code: 00927

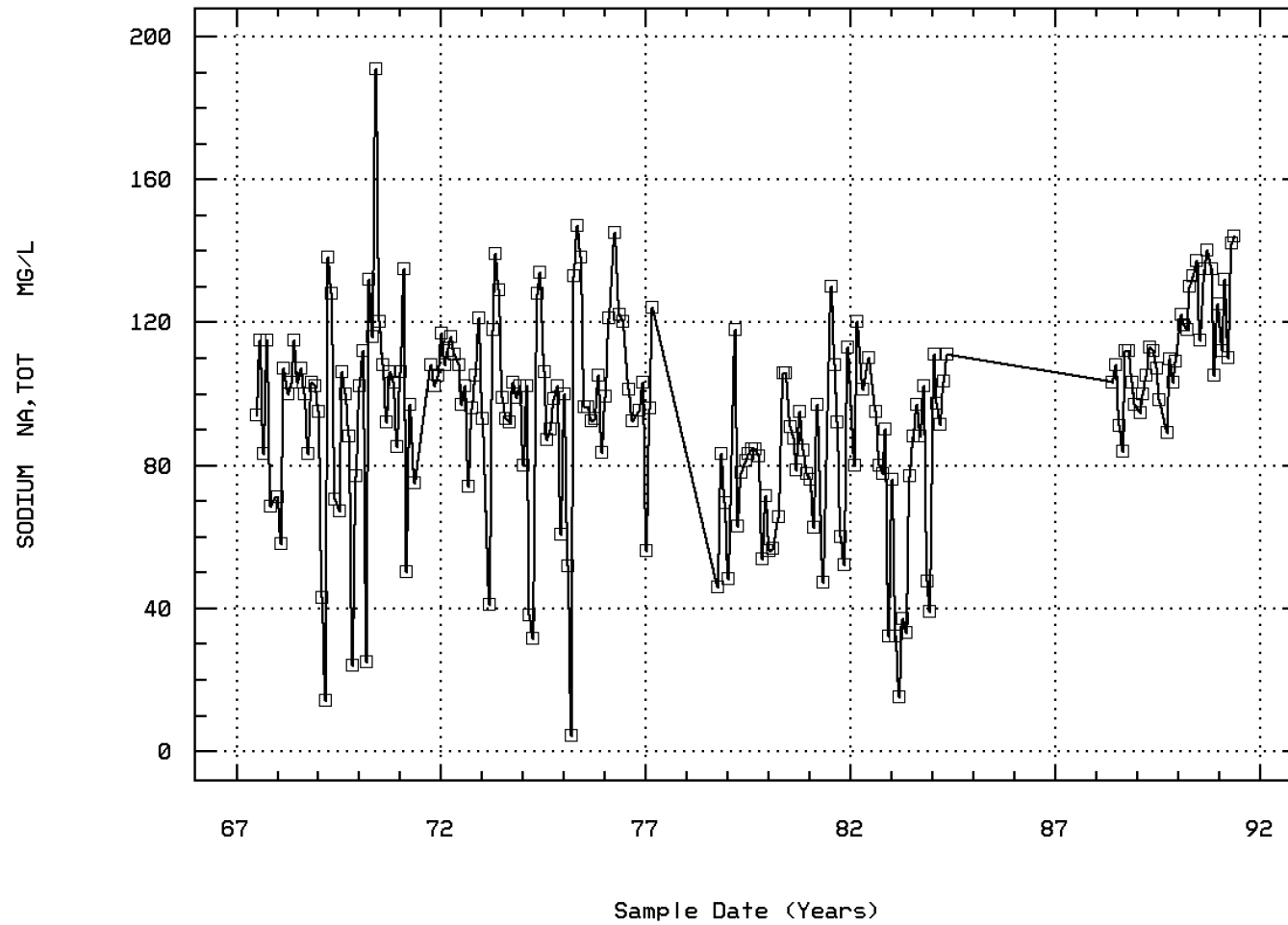
MAGNESIUM, TOTAL (MG/L AS MG)



LOS ANGELES RIVER @ TUJUNGA

Station: SAM00002 Parameter Code: 00929

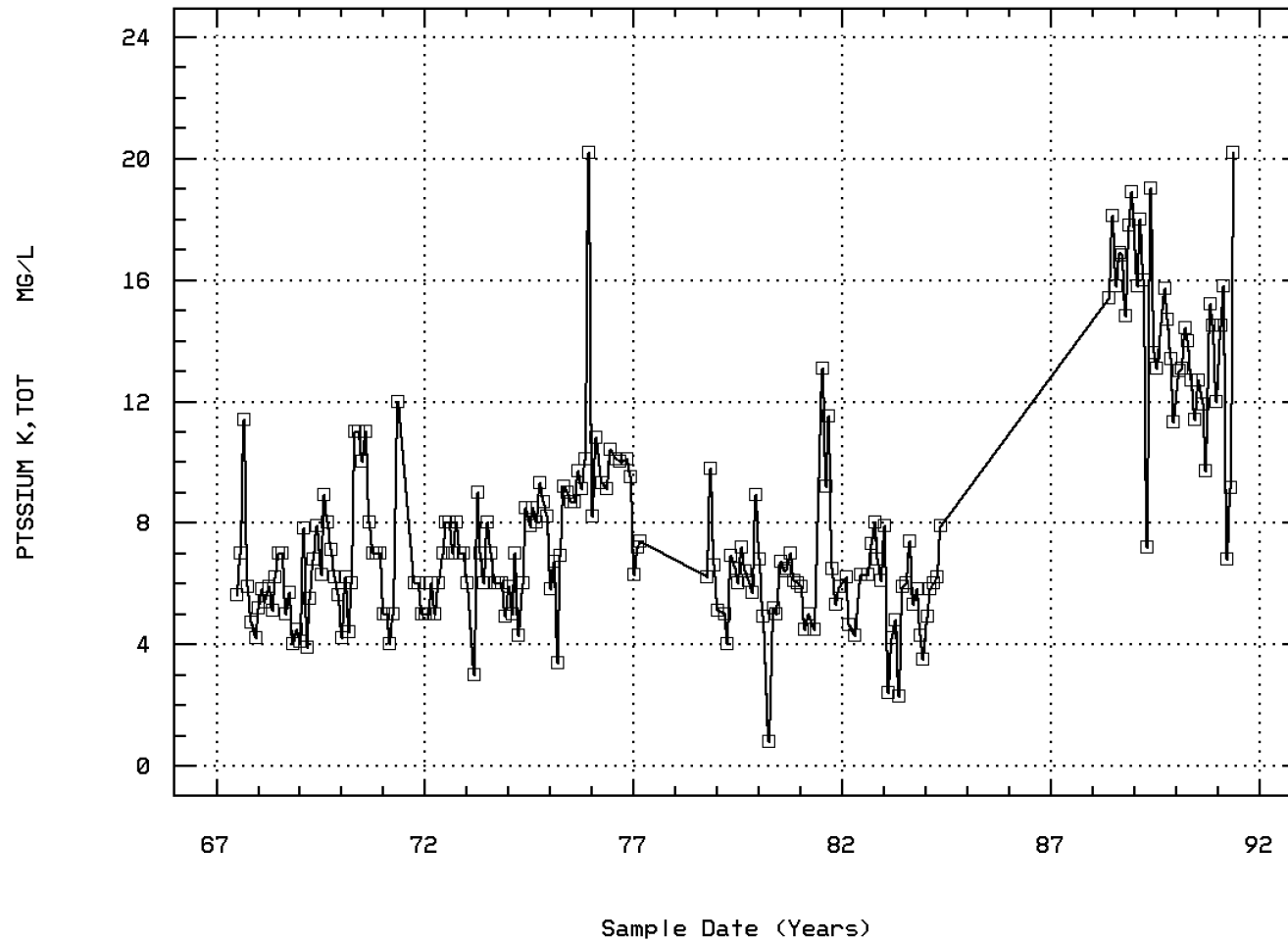
SODIUM, TOTAL (MG/L AS NA)



LOS ANGELES RIVER @ TUJUNGA

Station: SAM00002 Parameter Code: 00937

POTASSIUM, TOTAL MG/L AS K)

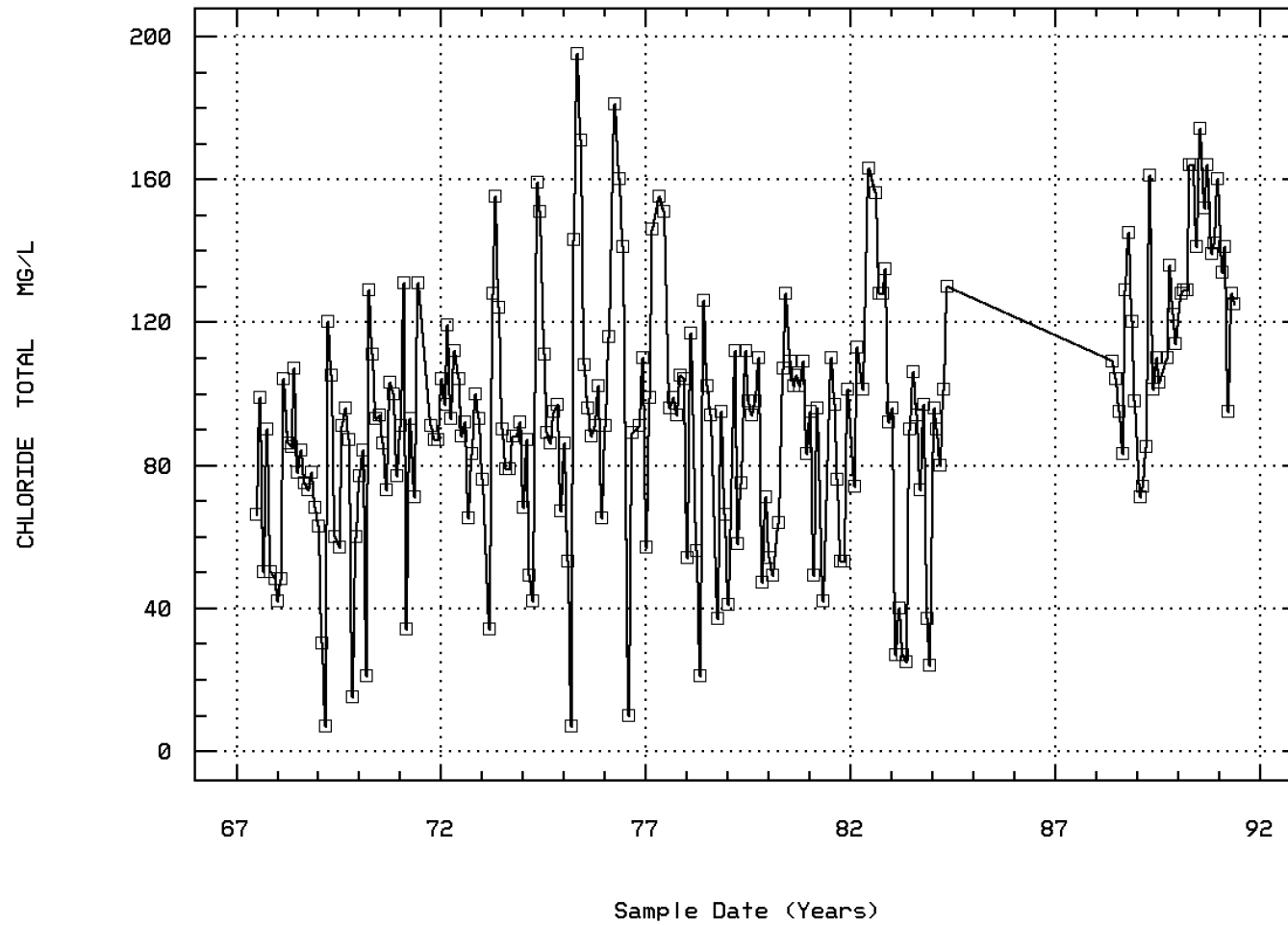


LOS ANGELES RIVER @ TUJUNGA



Station: SAM00002 Parameter Code: 00940

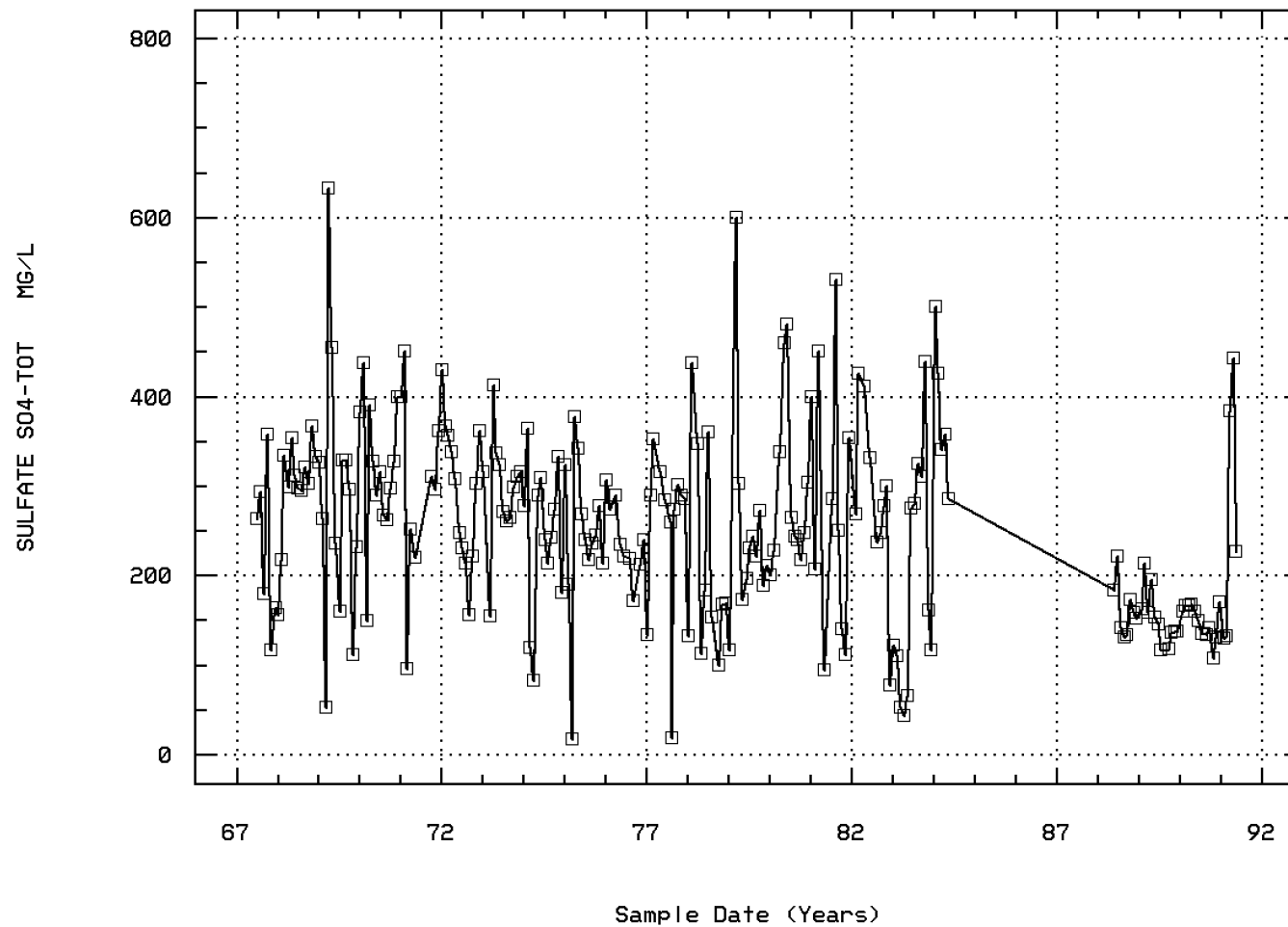
CHLORIDE, TOTAL IN WATER



LOS ANGELES RIVER @ TUJUNGA

Station: SAM00002 Parameter Code: 00945

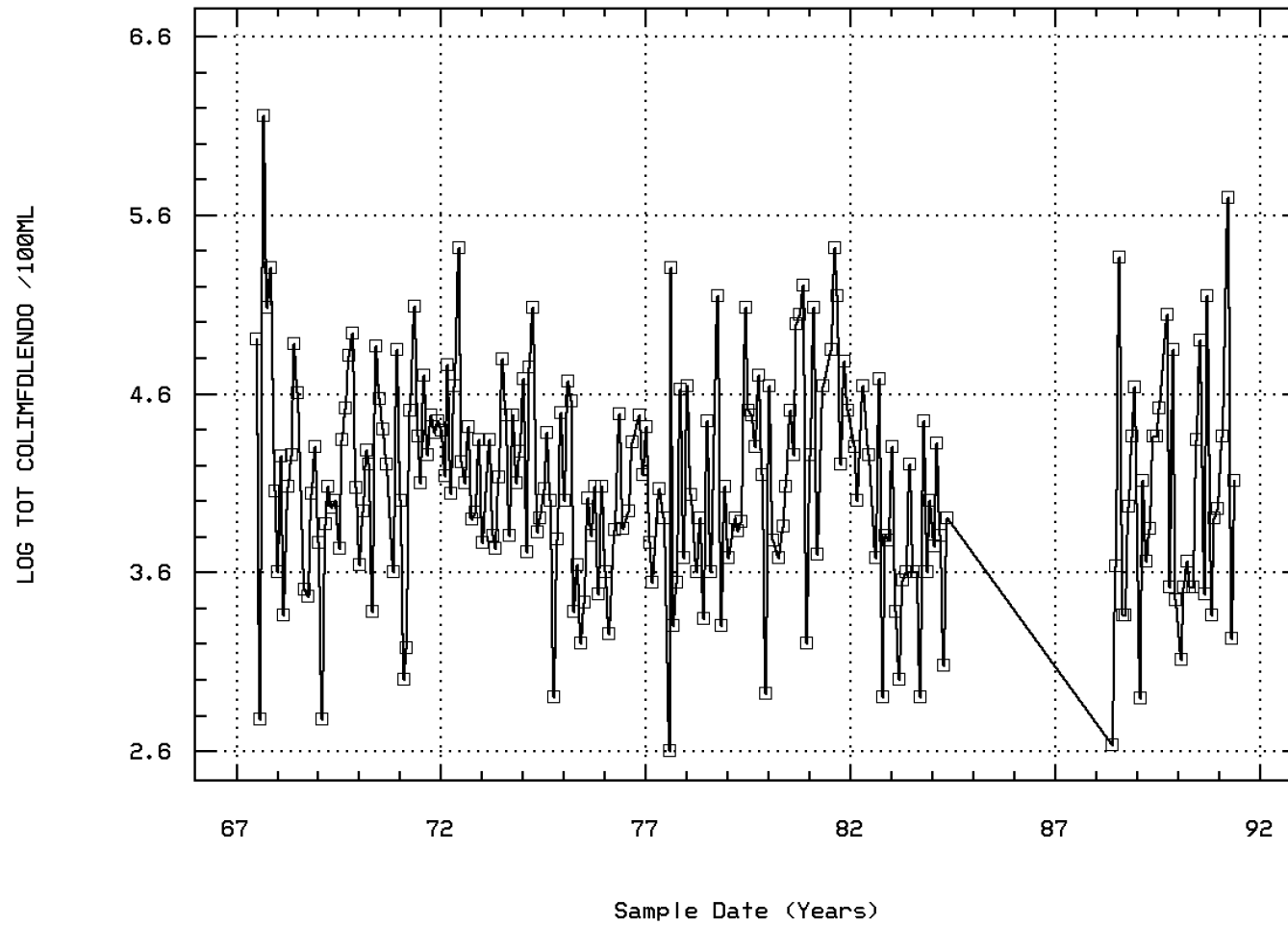
SULFATE, TOTAL (MG/L AS SO<sub>4</sub>)



LOS ANGELES RIVER @ TUJUNGA

Station: SAM00002 Parameter Code: 31503

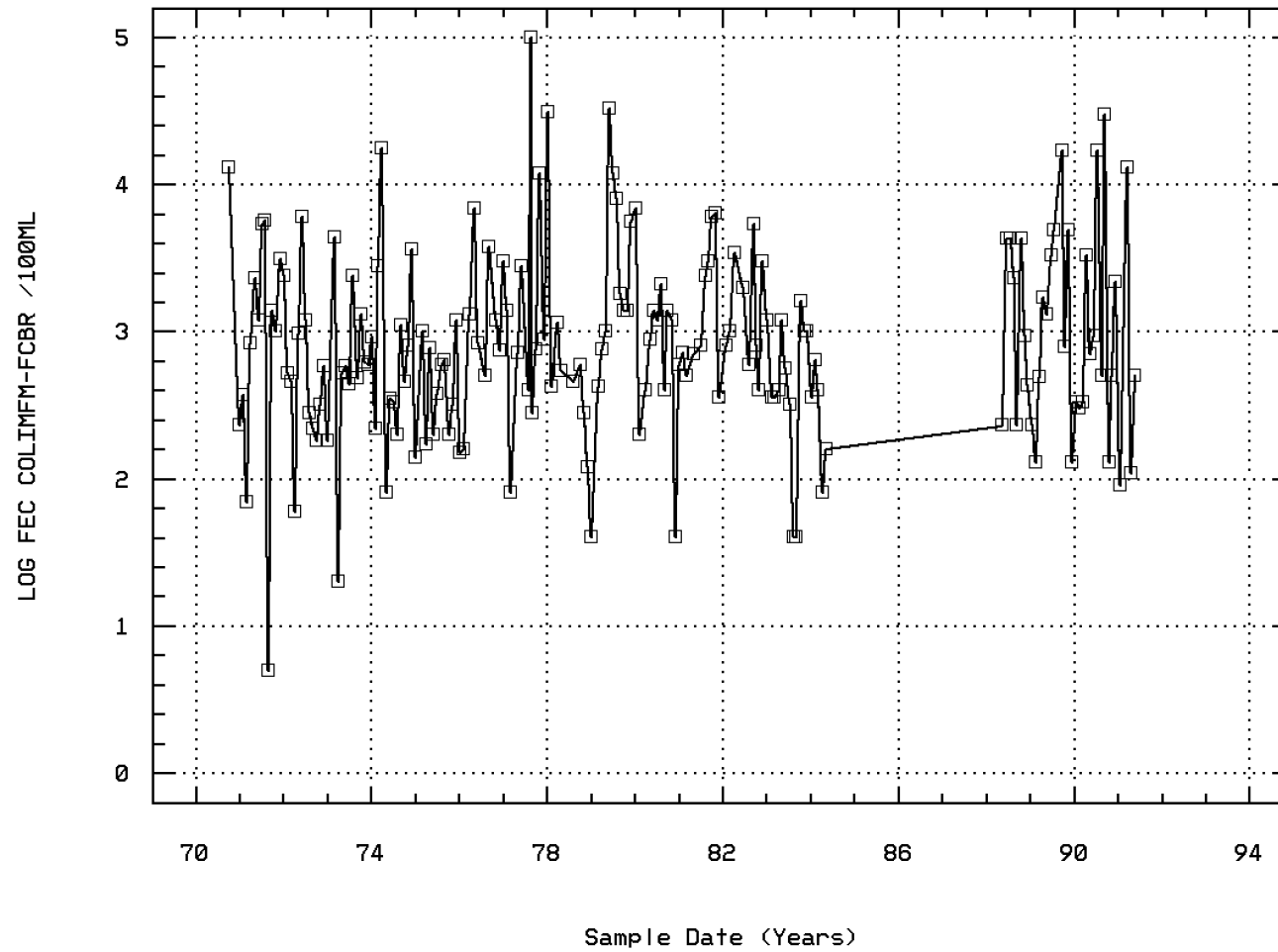
LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M



LOS ANGELES RIVER @ TUJUNGA

Station: SAM00002 Parameter Code: 31616

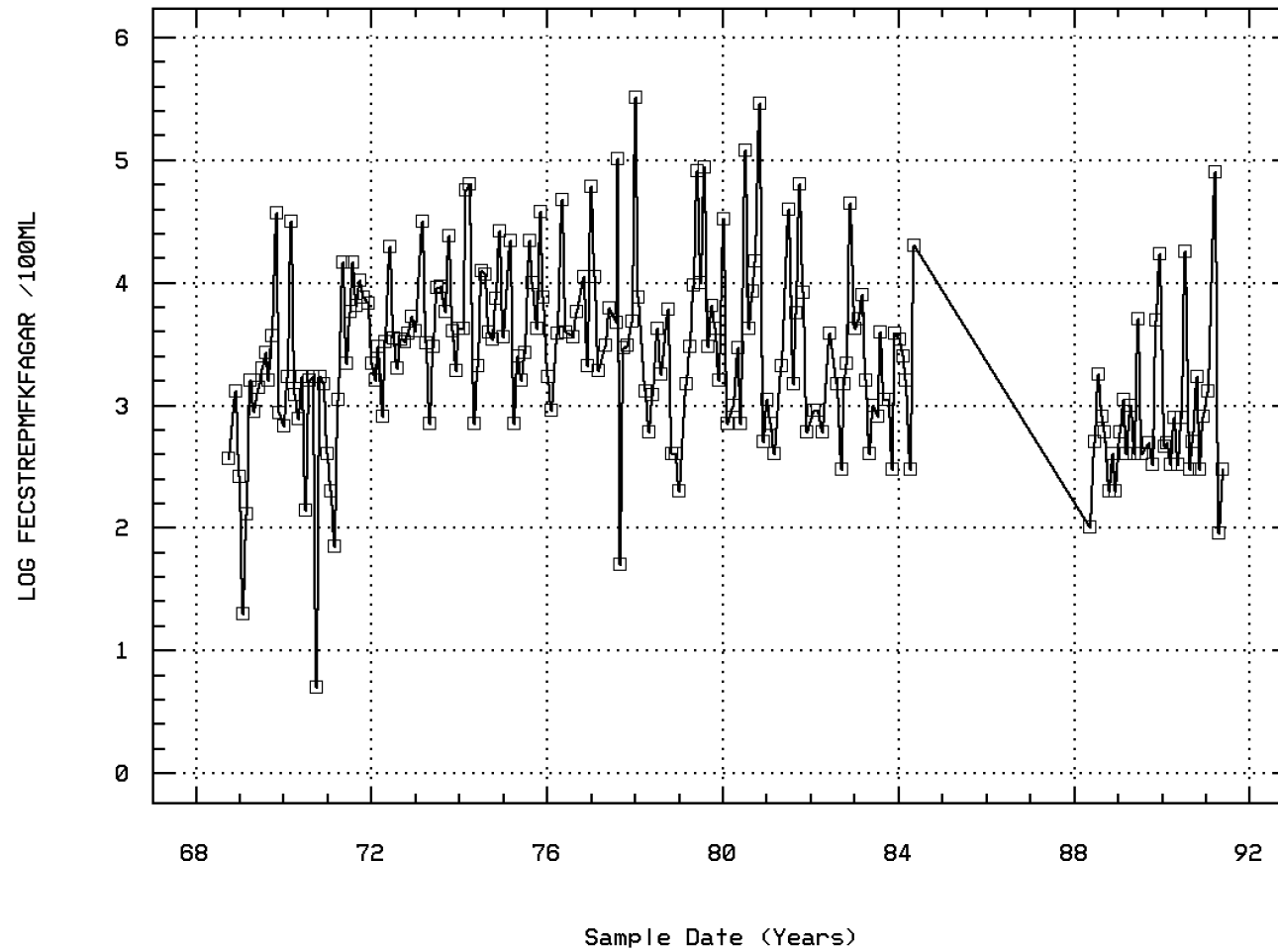
LOG FECAL COLIFORM, MEMBR FILTER, M-FC BR



LOS ANGELES RIVER @ TUJUNGA

Station: SAM00002 Parameter Code: 31673

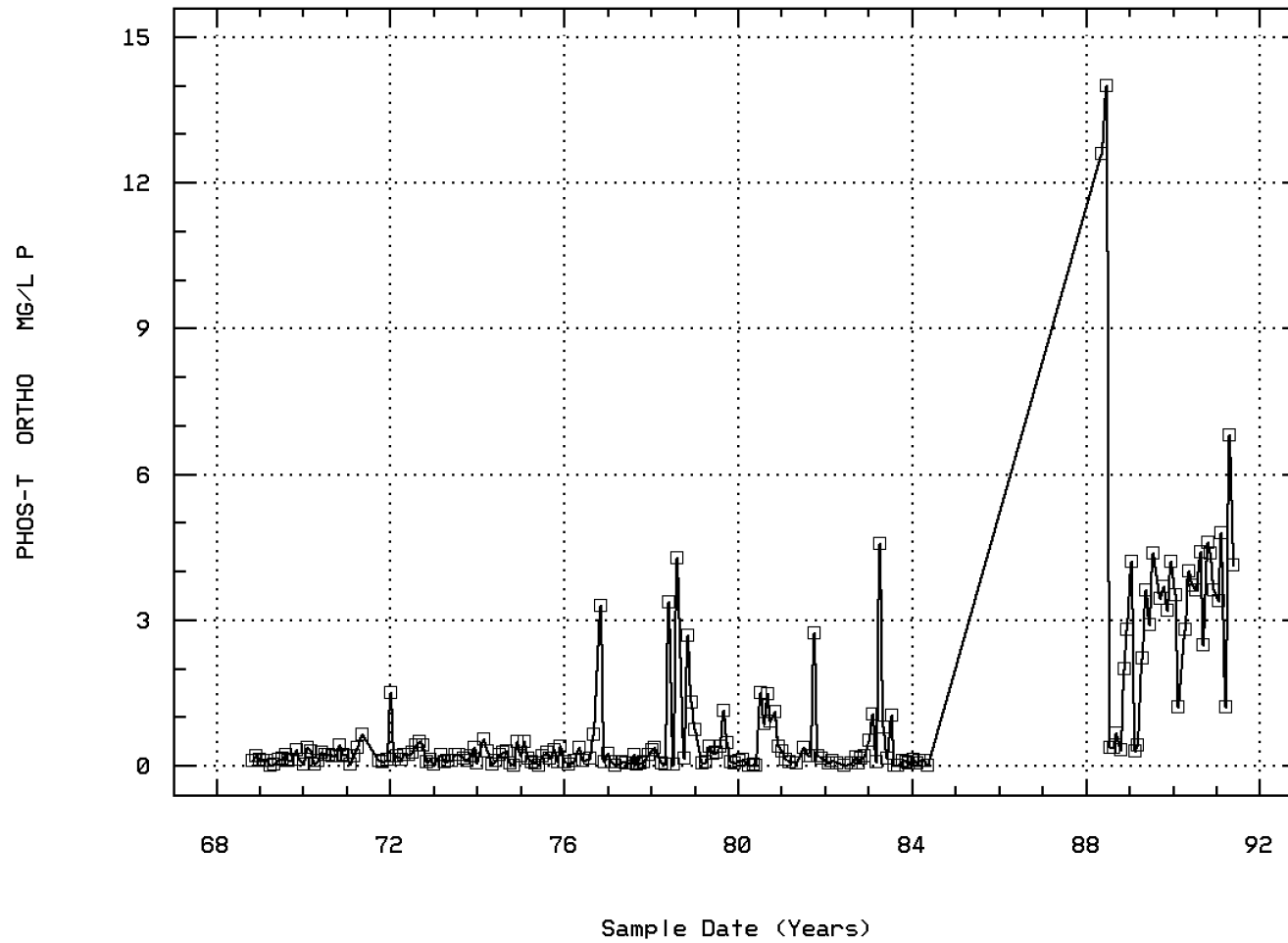
LOG FECAL STREPTOCOCCI, MBR FILT,KF AGA



LOS ANGELES RIVER @ TUJUNGA

Station: SAM00002 Parameter Code: 70507

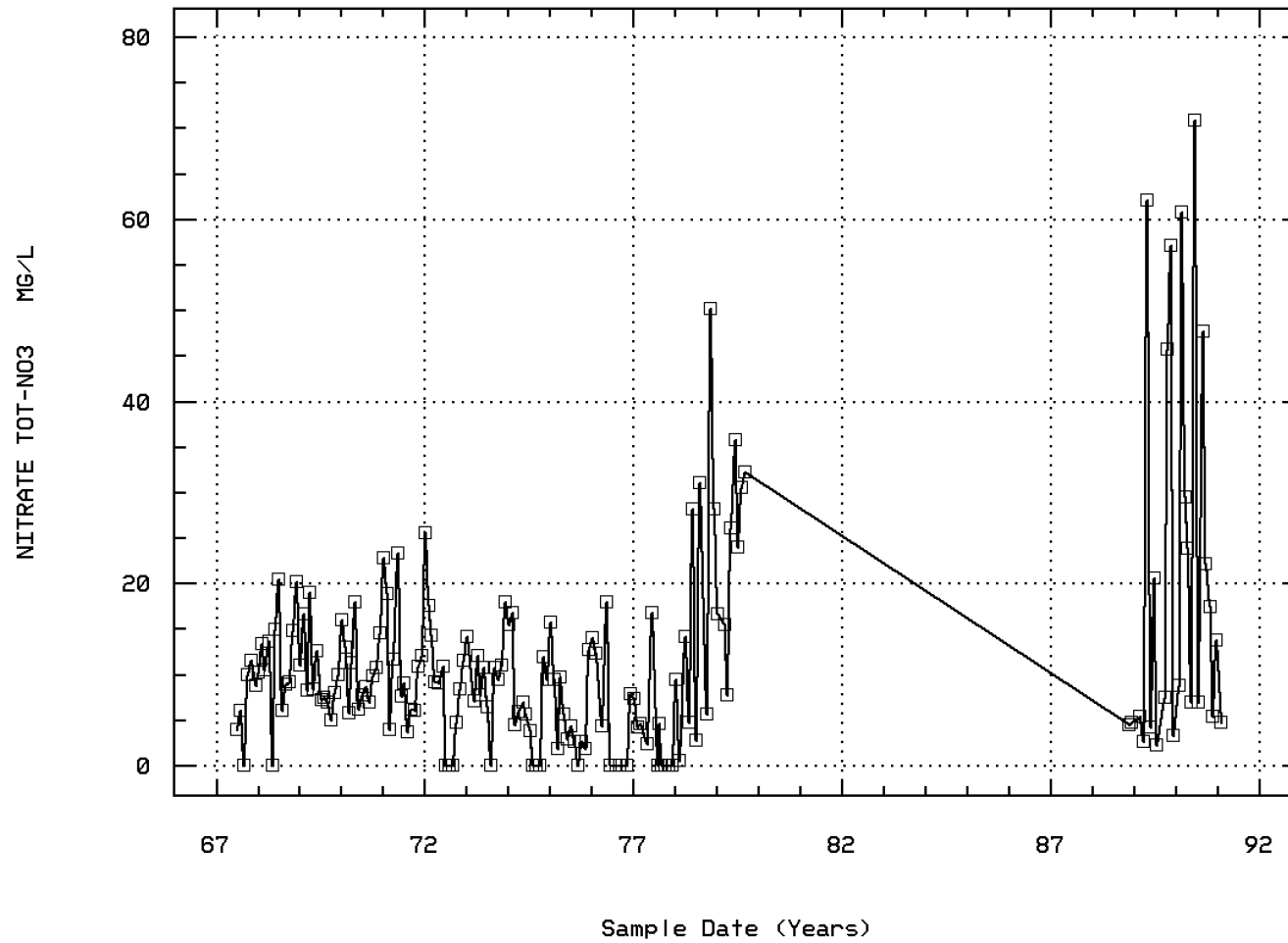
PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/



LOS ANGELES RIVER @ TUJUNGA

Station: SAM00002 Parameter Code: 71850

NITRATE NITROGEN, TOTAL (MG/L AS NO3)



LOS ANGELES RIVER @ TUJUNGA

### Annual Analysis for 1967 - Station SAMO0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/05/67-10/07/81	3	20.5	17.5	25.	7.	87.75	9.367	**	**	**	**
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/05/67-05/16/91	3	68.9	63.5	77.	44.6	284.31	16.861	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/05/67-05/16/91	6	903.5	965.833	1350.	695.	64042.967	253.067	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	08/03/67-05/09/84	5	7.9	8.16	10.8	4.7	6.178	2.486	**	**	**	**
00310p	BOD, 5 DAY, 20 DEG C MG/L	07/05/67-04/17/91	6	5.3	14.633	64.	2.9	586.091	24.209	**	**	**	**
00340p	COD, .25N K2CR2O7 MG/L	07/05/67-05/09/84	6	39.5	77.667	322.	8.	14612.267	120.881	**	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	07/05/67-05/16/91	6	8.5	8.5	9.1	8.	0.188	0.434	**	**	**	**
00403p	CONVERTED PH, LAB, STANDARD UNITS	07/05/67-05/16/91	6	8.455	8.342	9.1	8.	0.218	0.467	**	**	**	**
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/05/67-05/16/91	6	0.004	0.005	0.01	0.001	0.	0.004	**	**	**	**
00440p	BICARBONATE ION (MG/L AS HCO3)	07/05/67-05/16/91	6	236.	245.5	304.	210.	1071.9	32.74	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	07/05/67-07/06/79	6	0.	2.667	16.	0.	42.667	6.532	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/05/67-11/02/79	6	0.39	0.648	2.33	0.	0.825	0.908	**	**	**	**
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/05/67-05/16/91	6	1.675	1.518	2.6	0.	0.931	0.965	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CaCO3)	07/05/67-05/16/91	6	314.5	334.5	520.	216.	13271.9	115.204	**	**	**	**
00916p	CALCIUM, TOTAL (MG/L AS Ca)	07/05/67-05/16/91	6	100.25	99.65	143.	59.2	1408.903	37.535	**	**	**	**
00927p	MAGNESIUM, TOTAL (MG/L AS MG)	07/05/67-05/16/91	6	19.5	20.75	39.7	6.9	115.635	10.753	**	**	**	**
00929p	SODIUM, TOTAL (MG/L AS Na)	07/05/67-05/16/91	6	88.5	91.083	115.	68.5	426.242	20.646	**	**	**	**
00937p	POTASSIUM, TOTAL MG/L AS K)	07/05/67-05/16/91	6	5.75	6.467	11.4	4.2	6.791	2.606	**	**	**	**
00940p	CHLORIDE, TOTAL IN WATER MG/L	07/05/67-05/16/91	6	58.	67.167	99.	48.	498.567	22.329	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	07/05/67-05/16/91	6	221.	228.833	357.	117.	8180.967	90.449	**	**	**	**
31503p	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	07/05/67-05/16/91	6	100000.	305316.667	1420000.	600.303603689666.667	551002.441	**	**	**	**	**
31503p	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	07/05/67-05/16/91	6	4.991	4.711	6.152	2.778	1.353	1.163	**	**	**	**
31503p	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			51420.53								
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/05/67-07/06/79	6	726.	769.833	1080.	538.	42881.767	207.079	**	**	**	**
71850p	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	07/05/67-01/24/91	6	7.4	6.717	11.5	0.	18.202	4.266	**	**	**	**

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### Annual Analysis for 1968 - Station SAMO0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/05/67-10/07/81	12	17.	14.75	20.	4.5	32.977	5.743	4.95	8.625	19.5	19.85
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/05/67-05/16/91	12	62.6	58.55	68.	40.1	106.846	10.337	40.91	47.525	67.1	67.73
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/05/67-05/16/91	12	1190.	1154.75	1330.	771.	31424.205	177.269	790.5	1125.	1282.5	1327.
00300p	OXYGEN, DISSOLVED MG/L	08/03/67-05/09/84	12	10.05	9.708	13.9	6.2	7.568	2.751	6.29	6.85	12.	13.63
00310p	BOD, 5 DAY, 20 DEG C MG/L	07/05/67-04/17/91	12	5.95	6.475	15.	3.	11.968	3.459	3.03	3.55	8.275	13.41
00340p	COD, .25N K2CR2O7 MG/L	07/05/67-05/09/84	12	25.	24.667	41.	5.	120.424	10.974	7.7	15.	33.	40.1
00403p	PH, LAB, STANDARD UNITS SU	07/05/67-05/16/91	12	8.1	8.158	8.9	7.5	0.121	0.348	7.62	8.	8.275	8.81
00403p	CONVERTED PH, LAB, STANDARD UNITS	07/05/67-05/16/91	12	8.1	8.04	8.9	7.5	0.136	0.369	7.62	8.	8.275	8.81
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/05/67-05/16/91	12	0.008	0.009	0.032	0.001	0.	0.008	0.002	0.005	0.01	0.026
00440p	BICARBONATE ION (MG/L AS HCO3)	07/05/67-05/16/91	12	255.5	246.5	305.	149.	2665.909	51.632	160.1	199.	297.	304.1
00445	CARBONATE ION (MG/L AS CO3)	07/05/67-07/06/79	12	0.	3.917	24.	0.	83.72	9.15	0.	0.	0.	23.7
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/05/67-11/02/79	12	0.	0.097	0.78	0.	0.059	0.242	0.	0.	0.	0.663
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/05/67-05/16/91	12	2.685	2.674	4.63	0.	1.68	1.296	0.408	2.028	3.363	4.609
00900p	HARDNESS, TOTAL (MG/L AS CaCO3)	07/05/67-05/16/91	12	428.5	414.833	513.	265.	4691.424	68.494	280.	392.75	456.	503.4
00916p	CALCIUM, TOTAL (MG/L AS Ca)	07/05/67-05/16/91	12	105.5	105.475	134.	72.	281.315	16.772	76.08	95.575	118.75	130.1
00927p	MAGNESIUM, TOTAL (MG/L AS MG)	07/05/67-05/16/91	12	38.4	36.708	43.7	20.6	52.619	7.254	21.77	35.125	42.55	43.61
00929p	SODIUM, TOTAL (MG/L AS Na)	07/05/67-05/16/91	12	102.5	96.	115.	58.	277.818	16.668	61.9	87.25	106.	112.6
00937p	POTASSIUM, TOTAL MG/L AS K)	07/05/67-05/16/91	12	5.55	5.567	7.	4.	0.817	0.904	4.15	5.025	6.125	7.
00940p	CHLORIDE, TOTAL IN WATER MG/L	07/05/67-05/16/91	12	78.	77.333	107.	42.	362.788	19.047	43.8	69.25	85.75	106.1
00945p	SULFATE, TOTAL (MG/L AS SO4)	07/05/67-05/16/91	12	307.5	298.917	366.	156.	3407.72	58.376	174.6	295.5	333.75	362.1
31503p	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	07/05/67-05/16/91	12	11550.	17275.833	76000.	10.	467521553.788	21622.247	697.	2975.	19500.	65200.
31503p	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	07/05/67-05/16/91	12	4.062	3.779	4.881	1.	0.989	0.994	1.709	3.473	4.29	4.797
31503p	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			6008.404								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/01/68-05/16/91	2	835.	835.	1300.	370.	432450.	657.609	**	**	**	**
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/01/68-05/16/91	2	2.841	2.841	3.114	2.568	0.149	0.386	**	**	**	**
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			693.542								

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### Annual Analysis for 1968 - Station SAMO0002

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70301 SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/05/67-07/06/79	12	905.	882.5	1037.	604.	18252.091	135.1	614.5	853.5	986.5	1028.9
70507p PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	11/06/68-05/16/91	2	0.145	0.145	0.19	0.1	0.004	0.064	**	**	**	**
71850p NITRATE NITROGEN,TOTAL (MG/L AS NO3)	07/05/67-01/24/91	12	11.9	11.842	20.5	0.	32.966	5.742	1.8	8.975	14.875	20.41

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### Annual Analysis for 1969 - Station SAMO0002

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/05/67-10/07/81	12	14.75	14.267	20.	6.5	21.03	4.586	7.31	10.6	18.7	20.
00011p TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/05/67-05/16/91	12	58.55	57.65	68.	43.7	68.23	8.26	45.14	51.	65.625	68.
00095p SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/05/67-05/16/91	12	1115.	1077.667	1860.	370.	166522.242	408.071	410.2	848.5	1295.	1749.
00300p OXYGEN, DISSOLVED MG/L	08/03/67-05/09/84	12	8.	7.658	11.	1.1	7.946	2.819	2.15	6.65	9.8	11.
00310p BOD, 5 DAY, 20 DEG C MG/L	07/05/67-04/17/91	12	8.5	11.525	26.	1.4	79.878	8.937	1.88	3.35	19.75	25.7
00340p COD, .25N K2CR2O7 MG/L	07/05/67-05/09/84	12	37.	63.417	230.	9.	4191.174	64.739	10.5	16.75	102.25	198.5
00403p PH, LAB, STANDARD UNITS SU	07/05/67-05/16/91	12	8.05	8.05	8.3	7.8	0.043	0.207	7.8	7.825	8.275	8.3
00403p CONVERTED PH, LAB, STANDARD UNITS	07/05/67-05/16/91	12	8.047	8.006	8.3	7.8	0.045	0.212	7.8	7.825	8.275	8.3
00403p MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/05/67-05/16/91	12	0.009	0.01	0.016	0.005	0.	0.004	0.005	0.005	0.015	0.016
00440p BICARBONATE ION (MG/L AS HCO3)	07/05/67-05/16/91	12	222.5	215.667	292.	129.	2110.606	45.941	131.7	192.75	237.75	280.9
00445 CARBONATE ION (MG/L AS CO3)	07/05/67-07/06/79	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00610p NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/05/67-11/02/79	12	0.12	0.473	3.11	0.	0.793	0.89	0.	0.	0.603	2.48
00620p NITRATE NITROGEN, TOTAL (MG/L AS N)	07/05/67-05/16/91	12	1.875	2.268	4.29	1.13	0.89	0.943	1.259	1.645	2.758	4.134
00900p HARDNESS, TOTAL (MG/L AS CaCO3)	07/05/67-05/16/91	12	404.5	401.5	777.	152.	25496.091	159.675	163.4	320.5	465.25	700.5
00916p CALCIUM, TOTAL (MG/L AS Ca)	07/05/67-05/16/91	12	107.	106.825	188.	44.9	1276.004	35.721	49.73	89.75	124.25	170.6
00927p MAGNESIUM, TOTAL (MG/L AS MG)	07/05/67-05/16/91	12	31.05	32.7	74.6	9.	306.956	17.52	9.21	23.35	37.9	66.95
00929p SODIUM, TOTAL (MG/L AS NA)	07/05/67-05/16/91	12	82.5	79.208	138.	14.	1468.612	38.322	17.	49.	104.5	135.
00937p POTASSIUM, TOTAL MG/L AS K)	07/05/67-05/16/91	12	6.55	6.508	8.9	3.9	2.415	1.554	3.96	5.525	7.875	8.63
00940p CHLORIDE,TOTAL IN WATER MG/L	07/05/67-05/16/91	12	61.5	65.917	120.	7.	1267.538	35.602	9.4	36.75	94.75	115.5
00945p SULFATE, TOTAL (MG/L AS SO4)	07/05/67-05/16/91	12	279.5	285.083	633.	52.	23747.538	154.102	69.7	178.	329.	579.3
31503p COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	07/05/67-05/16/91	12	10900.	22349.25	86000.	600.	707796979.477	26604.454	2040.	6200.	30250.	79700.
31503p LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	07/05/67-05/16/91	12	4.036	4.072	4.934	2.778	0.319	0.565	3.064	3.79	4.474	4.898
31503p GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			11807.69								
31673p FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/01/68-05/16/91	12	1500.	4346.667	37000.	20.	106904951.515	10339.485	53.	410.	2525.	27010.
31673p LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/01/68-05/16/91	12	3.175	3.011	4.568	1.301	0.653	0.808	1.545	2.545	3.399	4.268
31673p GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			1026.636								
70301 SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/05/67-07/06/79	12	821.5	802.917	1470.	278.	98412.629	313.708	303.8	651.5	906.5	1359.9
70507p PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	11/06/68-05/16/91	12	0.13	0.132	0.33	0.01	0.007	0.084	0.016	0.1	0.153	0.3
71850p NITRATE NITROGEN,TOTAL (MG/L AS NO3)	07/05/67-01/24/91	12	8.3	10.042	19.	5.	17.466	4.179	5.57	7.275	12.2	18.31

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### Annual Analysis for 1970 - Station SAMO0002

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/05/67-10/07/81	11	13.9	13.745	20.6	2.5	35.555	5.963	3.66	8.9	20.	20.48
00011p TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/05/67-05/16/91	11	57.	56.736	69.	36.5	114.885	10.718	38.6	48.	68.	68.8
00095p SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/05/67-05/16/91	12	1270.	1219.833	1450.	548.	58589.424	242.053	704.6	1160.	1382.5	1438.
00300p OXYGEN, DISSOLVED MG/L	08/03/67-05/09/84	12	7.15	7.8	11.5	4.9	4.213	2.052	5.14	6.3	9.9	11.14
00310p BOD, 5 DAY, 20 DEG C MG/L	07/05/67-04/17/91	12	6.5	9.25	28.	4.	44.205	6.649	4.3	5.25	10.	24.1
00340p COD, .25N K2CR2O7 MG/L	07/05/67-05/09/84	12	34.5	84.333	568.	0.	23779.152	154.205	7.8	27.25	69.75	424.6
00403p PH, LAB, STANDARD UNITS SU	07/05/67-05/16/91	12	8.05	7.692	8.3	6.5	0.512	0.715	6.53	6.825	8.2	8.3
00403p CONVERTED PH, LAB, STANDARD UNITS	07/05/67-05/16/91	12	8.047	7.119	8.3	6.5	0.87	0.933	6.53	6.825	8.2	8.3
00403p MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/05/67-05/16/91	12	0.009	0.076	0.316	0.005	0.014	0.12	0.005	0.006	0.196	0.297
00440p BICARBONATE ION (MG/L AS HCO3)	07/05/67-05/16/91	12	257.	254.5	342.	100.	3795.727	61.609	135.4	225.5	299.5	333.9
00445 CARBONATE ION (MG/L AS CO3)	07/05/67-07/06/79	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

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### Annual Analysis for 1970 - Station SAMO0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/05/67-11/02/79	12	0.	0.104	0.78	0.	0.055	0.234	0.	0.	0.12	0.639
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/05/67-05/16/91	12	2.315	2.418	4.04	1.31	0.802	0.896	1.331	1.625	3.21	3.911
00900p	HARDNESS, TOTAL (MG/L AS CaCO3)	07/05/67-05/16/91	12	474.5	445.167	590.	202.	10046.879	100.234	254.2	388.5	510.25	569.3
00916p	CALCIUM, TOTAL (MG/L AS Ca)	07/05/67-05/16/91	12	123.	118.25	153.	55.	643.477	25.367	66.1	110.	132.5	149.7
00927p	MAGNESIUM, TOTAL (MG/L AS MG)	07/05/67-05/16/91	12	36.5	36.333	51.	16.	116.242	10.782	17.5	29.25	46.	50.4
00929p	SODIUM, TOTAL (MG/L AS Na)	07/05/67-05/16/91	12	107.	107.667	191.	25.	1402.424	37.449	43.	94.5	119.	173.3
00937p	POTASSIUM, TOTAL MG/L AS K)	07/05/67-05/16/91	12	7.	7.733	11.	4.2	6.162	2.482	4.26	6.05	10.75	11.
00940p	CHLORIDE, TOTAL IN WATER MG/L	07/05/67-05/16/91	12	89.5	87.333	129.	21.	691.879	26.304	36.6	77.	102.25	123.6
00945p	SULFATE, TOTAL (MG/L AS SO4)	07/05/67-05/16/91	12	321.5	320.5	438.	150.	5967.909	77.252	183.6	272.75	388.25	426.3
31503p	COLIFORM, TOT, MEMBR FILTER, DELAYED, M-ENDO MED, 35 C	07/05/67-05/16/91	11	16000.	25072.727	73000.	2400.	630714181.818	25114.024	2720.	4400.	37000.	72400.
31503p	LOG COLIFORM, TOT, MEMBR FILTER, DELAYED, M-ENDO MED, 3	07/05/67-05/16/91	11	4.204	4.176	4.863	3.38	0.244	0.494	3.425	3.643	4.568	4.86
31503p	GM COLIFORM, TOT, MEMBR FILTER, DELAYED, M-ENDO MED, 35	GEOMETRIC MEAN =			14997.823								
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/07/70-05/16/91	1	13000.	13000.	13000.	13000.	0.	0.	**	**	**	**
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/07/70-05/16/91	1	4.114	4.114	4.114	4.114	0.	0.	**	**	**	**
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			13000.								
31673p	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	10/01/68-05/16/91	12	1550.	3708.75	31800.	5.	78643864.205	8868.138	45.5	705.	1700.	22770.
31673p	LOG FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	10/01/68-05/16/91	12	3.19	2.954	4.502	0.699	0.781	0.884	1.133	2.847	3.23	4.121
31673p	GM FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	GEOMETRIC MEAN =			900.416								
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/05/67-07/06/79	12	985.	943.667	1128.	378.	38395.515	195.948	521.1	898.25	1058.5	1117.5
70507p	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	11/06/68-05/16/91	12	0.23	0.215	0.42	0.03	0.014	0.118	0.03	0.125	0.283	0.402
71850p	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	07/05/67-01/24/91	12	10.25	10.717	17.9	5.8	15.752	3.969	5.89	7.2	14.2	17.33

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### Annual Analysis for 1971 - Station SAMO0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/05/67-10/07/81	12	11.6	11.883	21.7	1.1	40.669	6.377	2.45	6.375	18.025	21.19
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/05/67-05/16/91	12	52.9	53.4	71.	34.	131.775	11.479	36.4	43.5	64.5	70.1
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/05/67-05/16/91	12	1130.	1150.917	1510.	575.	61768.265	248.532	689.3	1032.5	1330.	1492.
00300p	OXYGEN, DISSOLVED MG/L	08/03/67-05/09/84	12	8.95	8.458	11.1	4.1	4.95	2.225	4.55	6.475	10.175	11.01
00310p	BOD, 5 DAY, 20 DEG C MG/L	07/05/67-04/17/91	12	7.5	8.583	20.	4.	20.447	4.522	4.3	5.	11.5	17.6
00340p	COD, .25N K2CR2O7 MG/L	07/05/67-05/09/84	12	31.	35.667	74.	1.	549.333	23.438	4.9	15.	57.75	71.9
00403p	PH, LAB, STANDARD UNITS SU	07/05/67-05/16/91	11	7.9	7.764	8.2	7.3	0.101	0.317	7.32	7.4	8.	8.18
00403p	CONVERTED PH, LAB, STANDARD UNITS	07/05/67-05/16/91	11	7.9	7.66	8.2	7.3	0.112	0.335	7.32	7.4	8.	8.18
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/05/67-05/16/91	11	0.013	0.022	0.05	0.006	0.	0.016	0.007	0.01	0.04	0.048
00440p	BICARBONATE ION (MG/L AS HCO3)	07/05/67-05/16/91	9	231.	231.222	350.	150.	3422.444	58.502	150.	184.	263.5	350.
00445	CARBONATE ION (MG/L AS CO3)	07/05/67-07/06/79	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/05/67-11/02/79	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/05/67-05/16/91	12	2.26	2.564	5.26	0.84	2.402	1.55	0.858	1.37	3.885	5.227
00900p	HARDNESS, TOTAL (MG/L AS CaCO3)	07/05/67-05/16/91	8	400.5	411.5	617.	168.	19550.571	139.823	**	**	**	**
00916p	CALCIUM, TOTAL (MG/L AS Ca)	07/05/67-05/16/91	8	101.	106.	163.	47.	1231.143	35.088	**	**	**	**
00927p	MAGNESIUM, TOTAL (MG/L AS MG)	07/05/67-05/16/91	8	35.5	35.75	51.	13.	163.929	12.803	**	**	**	**
00929p	SODIUM, TOTAL (MG/L AS Na)	07/05/67-05/16/91	8	103.5	97.25	135.	50.	632.5	25.15	**	**	**	**
00937p	POTASSIUM, TOTAL MG/L AS K)	07/05/67-05/16/91	8	5.	6.	12.	4.	6.286	2.507	**	**	**	**
00940p	CHLORIDE, TOTAL IN WATER MG/L	07/05/67-05/16/91	9	91.	90.667	131.	34.	860.5	29.334	34.	79.	112.	131.
00945p	SULFATE, TOTAL (MG/L AS SO4)	07/05/67-05/16/91	8	303.	298.25	451.	96.	12408.214	111.392	**	**	**	**
31503p	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	07/05/67-05/16/91	12	23500.	29341.667	122000.	1000.	1041073560.606	32265.672	1150.	10650.	31500.	100400.
31503p	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	07/05/67-05/16/91	12	4.371	4.207	5.086	3.	0.351	0.593	3.053	4.025	4.498	4.97
31503p	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	07/05/67-05/16/91			16120.161								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/70-05/16/91	12	1100.	1800.417	5700.	5.	3903238.447	1975.662	24.5	265.	2900.	5610.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/70-05/16/91	12	3.04	2.83	3.756	0.699	0.763	0.873	1.043	2.413	3.459	3.749
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/05/67-05/16/91			676.05								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/01/68-05/16/91	12	6100.	5847.5	14600.	70.	28017802.273	5293.185	109.	575.	9775.	14570.
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/01/68-05/16/91	12	3.785	3.397	4.164	1.845	0.605	0.778	1.982	2.712	3.986	4.163
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/05/67-05/16/91			2493.563								
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/05/67-07/06/79	8	894.5	880.5	1188.	399.	65201.429	255.346	**	**	**	**

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### Annual Analysis for 1971 - Station SAMO0002

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70507p PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	11/06/68-05/16/91	8	0.165	0.218	0.65	0.03	0.041	0.202	**	**	**	**
71850p NITRATE NITROGEN,TOTAL (MG/L AS NO3)	07/05/67-01/24/91	12	10.	11.35	23.3	3.7	47.141	6.866	3.79	6.05	17.2	23.15

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### Annual Analysis for 1972 - Station SAMO0002

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/05/67-10/07/81	10	12.8	11.06	18.9	0.6	36.678	6.056	0.93	6.375	15.7	18.79
00011p TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/05/67-05/16/91	10	55.	51.9	66.	33.	118.989	10.908	33.6	43.5	60.25	65.8
00095p SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/05/67-05/16/91	12	1295.	1259.917	1560.	859.	45345.538	212.945	922.3	1085.	1457.5	1530.
00300p OXYGEN, DISSOLVED MG/L	08/03/67-05/09/84	12	7.55	8.092	12.3	5.7	4.272	2.067	5.73	6.525	9.5	11.94
00310p BOD, 5 DAY, 20 DEG C MG/L	07/05/67-04/17/91	12	6.5	7.333	13.	5.	6.97	2.64	5.	5.25	8.	12.7
00340p COD, .25N K2CR2O7 MG/L	07/05/67-05/09/84	12	34.	36.667	79.	15.	337.152	18.362	16.2	19.5	46.75	70.6
00403p PH, LAB, STANDARD UNITS SU	07/05/67-05/16/91	12	8.2	8.075	8.5	7.5	0.078	0.28	7.53	7.95	8.2	8.41
00403p CONVERTED PH, LAB, STANDARD UNITS	07/05/67-05/16/91	12	8.2	7.978	8.5	7.5	0.089	0.298	7.53	7.95	8.2	8.41
00403p MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/05/67-05/16/91	12	0.006	0.011	0.032	0.003	0.	0.009	0.004	0.006	0.011	0.03
00440p BICARBONATE ION (MG/L AS HCO3)	07/05/67-05/16/91	12	278.5	279.917	336.	221.	1239.356	35.204	224.3	255.5	306.	330.3
00445 CARBONATE ION (MG/L AS CO3)	07/05/67-07/06/79	12	0.	1.333	16.	0.	21.333	4.619	0.	0.	0.	11.2
00610p NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/05/67-11/02/79	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00620p NITRATE NITROGEN, TOTAL (MG/L AS N)	07/05/67-05/16/91	12	2.07	2.092	5.76	0.	2.984	1.728	0.	0.265	3.073	5.217
00900p HARDNESS, TOTAL (MG/L AS CaCO3)	07/05/67-05/16/91	12	428.5	436.167	619.	284.	9009.242	94.917	304.1	361.	511.25	593.5
00916p CALCIUM, TOTAL (MG/L AS Ca)	07/05/67-05/16/91	12	109.	111.333	162.	72.	555.879	23.577	77.4	96.5	127.	153.
00927p MAGNESIUM, TOTAL (MG/L AS MG)	07/05/67-05/16/91	12	37.5	38.25	52.	25.	84.568	9.196	25.6	30.25	46.75	51.1
00929p SODIUM, TOTAL (MG/L AS Na)	07/05/67-05/16/91	12	108.	105.583	121.	74.	157.72	12.559	80.6	98.25	115.	119.8
00937p POTASSIUM, TOTAL MG/L AS K)	07/05/67-05/16/91	12	7.	6.583	8.	5.	1.356	1.165	5.	5.25	7.75	8.
00940p CHLORIDE,TOTAL IN WATER MG/L	07/05/67-05/16/91	12	95.	95.833	119.	65.	196.152	14.005	70.4	89.	104.	116.9
00945p SULFATE, TOTAL (MG/L AS SO4)	07/05/67-05/16/91	12	305.5	294.083	430.	156.	6496.811	80.603	173.1	223.25	359.75	410.8
31503p COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	07/05/67-05/16/91	12	19300.	42100.	260000.	7900.	4935067272.727	70250.034	8110.	11375.	39500.	199400.
31503p LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	07/05/67-05/16/91	12	4.281	4.359	5.415	3.898	0.181	0.426	3.909	4.055	4.586	5.22
31503p GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			22838.966								
31616p FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/70-05/16/91	12	490.	1100.	6000.	60.	2793090.909	1671.254	96.	235.	1145.	4920.
31616p LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/70-05/16/91	12	2.689	2.725	3.778	1.778	0.284	0.533	1.921	2.369	3.057	3.659
31616p GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			530.794								
31673p FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/01/68-05/16/91	12	3300.	4308.333	19500.	800.	24242651.515	4923.683	1040.	2050.	3725.	15240.
31673p LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/01/68-05/16/91	12	3.519	3.495	4.29	2.903	0.108	0.329	2.993	3.311	3.571	4.12
31673p GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			3122.754								
70301 SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/05/67-07/06/79	12	942.	943.167	1206.	656.	23196.697	152.305	704.	831.25	1069.75	1175.4
70507p PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	11/06/68-05/16/91	12	0.23	0.351	1.5	0.07	0.149	0.386	0.088	0.13	0.42	1.197
71850p NITRATE NITROGEN,TOTAL (MG/L AS NO3)	07/05/67-01/24/91	12	9.15	9.258	25.5	0.	58.504	7.649	0.	1.175	13.6	23.1

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### Annual Analysis for 1973 - Station SAMO0002

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/05/67-10/07/81	10	12.5	12.89	19.4	6.7	19.114	4.372	6.92	8.9	16.65	19.29
00011p TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/05/67-05/16/91	10	54.5	55.2	67.	44.	62.4	7.899	44.4	48.	62.	66.8
00095p SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/05/67-05/16/91	12	1217.5	1173.333	1670.	181.	166786.242	408.395	310.9	1115.	1457.5	1616.
00300p OXYGEN, DISSOLVED MG/L	08/03/67-05/09/84	11	7.6	7.764	10.7	5.3	2.483	1.576	5.52	6.7	8.9	10.5
00310p BOD, 5 DAY, 20 DEG C MG/L	07/05/67-04/17/91	11	6.	5.727	10.	3.	3.218	1.794	3.2	5.	6.	9.4
00340p COD, .25N K2CR2O7 MG/L	07/05/67-05/09/84	11	33.	37.273	61.	21.	186.218	13.646	21.8	25.	50.	60.6
00403p PH, LAB, STANDARD UNITS SU	07/05/67-05/16/91	12	8.15	8.067	8.4	7.2	0.093	0.306	7.38	8.1	8.2	8.34
00403p CONVERTED PH, LAB, STANDARD UNITS	07/05/67-05/16/91	12	8.147	7.914	8.4	7.2	0.119	0.345	7.38	8.1	8.2	8.34
00403p MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/05/67-05/16/91	12	0.007	0.012	0.063	0.004	0.	0.016	0.005	0.006	0.008	0.049

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### Annual Analysis for 1973 - Station SAMO0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00440p	BICARBONATE ION (MG/L AS HCO3)	07/05/67-05/16/91	11	279.	271.182	332.	120.	3331.364	57.718	144.6	260.	299.	332.
00445	CARBONATE ION (MG/L AS CO3)	07/05/67-07/06/79	11	0.	0.818	9.	0.	7.364	2.714	0.	0.	0.	7.2
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/05/67-11/02/79	10	0.	0.024	0.16	0.	0.003	0.054	0.	0.	0.02	0.152
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/05/67-05/16/91	11	2.42	2.208	4.07	0.	1.096	1.047	0.29	1.6	2.73	3.898
00900p	HARDNESS, TOTAL (MG/L AS CaCO3)	07/05/67-05/16/91	11	458.	443.182	562.	216.	7736.764	87.959	253.4	412.	504.	550.8
00916p	CALCIUM, TOTAL (MG/L AS Ca)	07/05/67-05/16/91	11	115.	112.282	135.	57.	464.334	21.548	65.	107.	128.1	134.6
00927p	MAGNESIUM, TOTAL (MG/L AS MG)	07/05/67-05/16/91	11	41.	39.655	55.	18.	82.473	9.081	20.8	39.	43.	53.04
00929p	SODIUM, TOTAL (MG/L AS Na)	07/05/67-05/16/91	11	99.	100.727	139.	41.	633.818	25.176	51.2	93.	118.	137.
00937p	POTASSIUM, TOTAL (MG/L AS K)	07/05/67-05/16/91	11	6.	6.264	9.	3.	2.445	1.564	3.38	6.	7.	8.8
00940p	CHLORIDE, TOTAL IN WATER MG/L	07/05/67-05/16/91	11	88.	93.909	155.	34.	1024.291	32.005	42.4	79.	124.	149.6
00945p	SULFATE, TOTAL (MG/L AS SO4)	07/05/67-05/16/91	11	310.	296.636	413.	154.	4010.655	63.33	175.4	264.	324.	397.6
31503p	COLIFORM, TOT, MEMBR FILTER, DELAYED, M-ENDO MED, 35 C	07/05/67-05/16/91	11	13600.	19381.818	62000.	5400.	284523636.364	16867.828	5480.	6400.	30000.	55600.
31503p	LOG COLIFORM, TOT, MEMBR FILTER, DELAYED, M-ENDO MED, 35	07/05/67-05/16/91	11	4.134	4.155	4.792	3.732	0.124	0.353	3.739	3.806	4.477	4.729
31503p	GM COLIFORM, TOT, MEMBR FILTER, DELAYED, M-ENDO MED, 35	GEOMETRIC MEAN =			14303.608								
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/07/70-05/16/91	11	580.	1049.091	4400.	20.	1651149.091	1284.97	52.	440.	1300.	4000.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/07/70-05/16/91	11	2.763	2.734	3.643	1.301	0.369	0.607	1.492	2.643	3.114	3.591
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			541.386								
31673p	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	10/01/68-05/16/91	11	4000.	8727.273	31400.	700.	96920181.818	9844.805	940.	3000.	9200.	29880.
31673p	LOG FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	10/01/68-05/16/91	11	3.602	3.715	4.497	2.845	0.224	0.474	2.932	3.477	3.964	4.473
31673p	GM FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	GEOMETRIC MEAN =			5188.226								
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/05/67-07/06/79	11	952.	931.636	1149.	435.	35417.255	188.195	515.4	881.	1046.	1129.6
70507p	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	11/06/68-05/16/91	11	0.16	0.165	0.36	0.03	0.009	0.096	0.038	0.1	0.23	0.334
71850p	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	07/05/67-01/24/91	11	10.7	9.773	18.	0.	21.452	4.632	1.28	7.1	12.1	17.24

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### Annual Analysis for 1974 - Station SAMO0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/05/67-10/07/81	12	15.	13.283	21.1	3.9	39.769	6.306	4.05	5.525	18.625	20.77
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/05/67-05/16/91	12	59.	55.917	70.	39.	128.447	11.333	39.3	42.	65.5	69.4
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/05/67-05/16/91	13	1200.	1117.	1460.	451.	99774.5	315.871	500.6	957.5	1360.	1444.
00300p	OXYGEN, DISSOLVED MG/L	08/03/67-05/09/84	12	7.3	7.575	10.9	3.9	3.946	1.986	4.44	6.625	9.275	10.75
00310p	BOD, 5 DAY, 20 DEG C MG/L	07/05/67-04/17/91	12	6.	8.958	34.	2.	85.112	9.226	2.	4.25	8.5	29.95
00340p	COD, .25N K2CR2O7 MG/L	07/05/67-05/09/84	11	57.	61.091	176.	11.	1959.291	44.264	13.8	37.	73.	159.4
00403p	PH, LAB, STANDARD UNITS SU	07/05/67-05/16/91	12	8.	8.017	8.3	7.7	0.04	0.199	7.7	7.9	8.175	8.3
00403p	CONVERTED PH, LAB, STANDARD UNITS	07/05/67-05/16/91	12	8.	7.974	8.3	7.7	0.042	0.204	7.7	7.9	8.175	8.3
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/05/67-05/16/91	12	0.01	0.011	0.02	0.005	0.	0.005	0.005	0.007	0.013	0.02
00440p	BICARBONATE ION (MG/L AS HCO3)	07/05/67-05/16/91	12	271.5	237.667	293.	82.	5655.697	75.204	92.2	179.25	286.25	292.7
00445	CARBONATE ION (MG/L AS CO3)	07/05/67-07/06/79	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/05/67-11/02/79	12	0.	0.143	1.4	0.	0.165	0.406	0.	0.	0.	1.076
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/05/67-05/16/91	12	1.315	1.517	3.8	0.	1.685	1.298	0.	0.215	2.563	3.704
00900p	HARDNESS, TOTAL (MG/L AS CaCO3)	07/05/67-05/16/91	12	409.	380.083	527.	145.	14236.447	119.317	158.2	294.75	466.25	513.5
00916p	CALCIUM, TOTAL (MG/L AS Ca)	07/05/67-05/16/91	12	103.5	96.5	126.	40.2	743.624	27.269	44.07	79.925	116.6	125.1
00927p	MAGNESIUM, TOTAL (MG/L AS MG)	07/05/67-05/16/91	12	36.6	33.783	51.2	10.9	161.176	12.696	11.74	23.05	43.6	49.46
00929p	SODIUM, TOTAL (MG/L AS Na)	07/05/67-05/16/91	12	94.25	88.15	134.	31.4	1004.514	31.694	33.41	65.525	105.	132.2
00937p	POTASSIUM, TOTAL (MG/L AS K)	07/05/67-05/16/91	12	7.95	7.275	9.3	4.3	2.593	1.61	4.51	5.925	8.5	9.12
00940p	CHLORIDE, TOTAL IN WATER MG/L	07/05/67-05/16/91	12	88.	91.75	159.	42.	1271.295	35.655	44.1	67.25	107.5	156.6
00945p	SULFATE, TOTAL (MG/L AS SO4)	07/05/67-05/16/91	12	258.	243.667	364.	83.	6983.333	83.566	93.8	189.25	304.	354.4
31503p	COLIFORM, TOT, MEMBR FILTER, DELAYED, M-ENDO MED, 35 C	07/05/67-05/16/91	12	10800.	27300.	120000.	800.	1168572727.273	34184.393	2120.	6250.	43800.	100800.
31503p	LOG COLIFORM, TOT, MEMBR FILTER, DELAYED, M-ENDO MED, 3	07/05/67-05/16/91	12	4.032	4.132	5.079	2.903	0.34	0.583	3.147	3.796	4.634	4.98
31503p	GM COLIFORM, TOT, MEMBR FILTER, DELAYED, M-ENDO MED, 35	GEOMETRIC MEAN =			13544.153								
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/07/70-05/16/91	12	630.	2388.333	17800.	80.	24765869.697	4976.532	116.	247.5	2375.	13540.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/07/70-05/16/91	12	2.783	2.87	4.25	1.903	0.414	0.644	2.022	2.386	3.346	4.042
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			740.462								
31673p	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	10/01/68-05/16/91	12	5800.	16408.333	63600.	700.	471133560.606	21705.611	1120.	3525.	22750.	61680.
31673p	LOG FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	10/01/68-05/16/91	12	3.746	3.879	4.803	2.845	0.337	0.581	2.988	3.546	4.337	4.79

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### Annual Analysis for 1974 - Station SAMO0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			7560.528								
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/05/67-07/06/79	12	883.5	806.083	1044.	301.	62373.72	249.747	331.9	631.75	1022.	1040.1
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	11/06/68-05/16/91	11	0.23	0.214	0.55	0.	0.036	0.189	0.004	0.05	0.3	0.538
71850p	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	07/05/67-01/24/91	12	5.75	6.692	16.8	0.	32.944	5.74	0.	0.95	11.3	16.38

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### Annual Analysis for 1975 - Station SAMO0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/05/67-10/07/81	12	13.9	14.325	22.2	8.9	18.584	4.311	9.23	10.3	17.9	21.36
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/05/67-05/16/91	12	57.	57.783	72.	48.	60.563	7.782	48.6	50.55	64.25	70.5
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/05/67-05/16/91	12	1135.	1136.25	1670.	60.	184250.568	429.244	271.5	1035.	1517.5	1637.
00300p	OXYGEN, DISSOLVED MG/L	08/03/67-05/09/84	12	6.95	7.108	9.6	4.2	4.03	2.007	4.32	5.225	9.3	9.54
00310p	BOD, 5 DAY, 20 DEG C MG/L	07/05/67-04/17/91	12	6.	6.667	10.	4.	5.152	2.27	4.	5.	9.	10.
00340p	COD, .25N K2CR2O7 MG/L	07/05/67-05/09/84	12	51.	49.583	75.	23.	257.356	16.042	24.2	34.	62.	71.7
00403p	PH, LAB, STANDARD UNITS SU	07/05/67-05/16/91	12	8.2	8.15	8.9	7.1	0.174	0.417	7.34	8.025	8.275	8.78
00403p	CONVERTED PH, LAB, STANDARD UNITS	07/05/67-05/16/91	12	8.2	7.9	8.9	7.1	0.242	0.492	7.34	8.025	8.275	8.78
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/05/67-05/16/91	12	0.006	0.013	0.079	0.001	0.	0.021	0.002	0.005	0.009	0.059
00440p	BICARBONATE ION (MG/L AS HCO3)	07/05/67-05/16/91	12	267.	243.083	335.	12.	8700.629	93.277	51.9	184.	312.25	329.
00445	CARBONATE ION (MG/L AS CO3)	07/05/67-07/06/79	11	0.	1.182	13.	0.	15.364	3.92	0.	0.	0.	10.4
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/05/67-11/02/79	12	0.06	0.074	0.23	0.	0.007	0.082	0.	0.	0.155	0.215
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/05/67-05/16/91	12	0.625	1.239	3.55	0.	1.352	1.163	0.054	0.415	2.173	3.346
00900p	HARDNESS, TOTAL (MG/L AS CaCO3)	07/05/67-05/16/91	12	389.	383.333	531.	16.	19810.424	140.75	91.3	355.25	503.	525.3
00916p	CALCIUM, TOTAL (MG/L AS Ca)	07/05/67-05/16/91	12	99.05	97.8	136.	4.2	1249.767	35.352	24.45	86.85	124.	133.9
00927p	MAGNESIUM, TOTAL (MG/L AS MG)	07/05/67-05/16/91	12	35.55	33.775	50.8	1.2	186.348	13.651	7.11	27.825	45.45	49.66
00929p	SODIUM, TOTAL (MG/L AS Na)	07/05/67-05/16/91	12	96.35	95.05	147.	4.2	1488.901	38.586	18.48	85.75	126.	144.3
00937p	POTASSIUM, TOTAL MG/L AS K)	07/05/67-05/16/91	12	8.85	8.958	20.2	3.4	16.241	4.03	4.12	6.75	9.575	17.17
00940p	CHLORIDE,TOTAL IN WATER MG/L	07/05/67-05/16/91	12	93.5	100.417	195.	7.	2590.992	50.902	20.8	70.25	134.25	187.8
00945p	SULFATE, TOTAL (MG/L AS SO4)	07/05/67-05/16/91	12	242.5	245.75	377.	17.	8327.295	91.254	68.9	214.25	312.5	366.5
31503p	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	07/05/67-05/16/91	12	8200.	12316.667	47000.	1600.	20578333.333	14345.15	1840.	2775.	12000.	43700.
31503p	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	07/05/67-05/16/91	12	3.903	3.862	4.672	3.204	0.211	0.46	3.257	3.443	4.079	4.637
31503p	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			7275.074								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/70-05/16/91	11	380.	511.818	1200.	140.	131176.364	362.183	146.	200.	780.	1160.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/70-05/16/91	11	2.58	2.602	3.079	2.146	0.108	0.329	2.163	2.301	2.892	3.063
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			399.709								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/01/68-05/16/91	11	4200.	10390.909	37400.	700.	138644909.091	11774.757	880.	2500.	22000.	34340.
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/01/68-05/16/91	11	3.623	3.745	4.573	2.845	0.285	0.534	2.917	3.398	4.342	4.527
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			5558.122								
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/05/67-07/06/79	12	868.	832.25	1133.	50.	88867.295	298.106	200.	792.25	1076.	1128.8
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	11/06/68-05/16/91	12	0.175	0.197	0.5	0.01	0.022	0.15	0.019	0.07	0.298	0.47
71850p	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	07/05/67-01/24/91	12	3.6	5.775	15.7	0.	24.526	4.952	0.54	2.075	9.625	14.8

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### Annual Analysis for 1976 - Station SAMO0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/05/67-10/07/81	8	12.65	12.6	20.6	4.4	30.311	5.506	**	**	**	**
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/05/67-05/16/91	8	54.75	54.688	69.	40.	97.353	9.867	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/05/67-05/16/91	10	1225.	1113.8	1460.	104.	146740.844	383.068	192.	1041.	1345.	1450.
00300p	OXYGEN, DISSOLVED MG/L	08/03/67-05/09/84	9	7.4	7.178	10.1	3.9	5.012	2.239	3.9	5.15	9.05	10.1
00310p	BOD, 5 DAY, 20 DEG C MG/L	07/05/67-04/17/91	9	7.	12.556	31.	3.	111.028	10.537	3.	3.5	21.5	31.
00340p	COD, .25N K2CR2O7 MG/L	07/05/67-05/09/84	8	64.5	81.	179.	32.	2693.143	51.895	**	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	07/05/67-05/16/91	9	8.1	8.111	8.3	7.9	0.019	0.136	7.9	8.	8.25	8.3

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### Annual Analysis for 1976 - Station SAMO0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403p	CONVERTED PH, LAB, STANDARD UNITS	07/05/67-05/16/91	9	8.1	8.092	8.3	7.9	0.019	0.138	7.9	8.	8.25	8.3
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/05/67-05/16/91	9	0.008	0.008	0.013	0.005	0.	0.002	0.005	0.006	0.01	0.013
00440p	BICARBONATE ION (MG/L AS HCO3)	07/05/67-05/16/91	9	268.	265.778	298.	217.	741.944	27.239	217.	245.5	289.5	298.
00445	CARBONATE ION (MG/L AS CO3)	07/05/67-07/06/79	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/05/67-11/02/79	9	0.09	0.367	1.42	0.	0.282	0.531	0.	0.	0.84	1.42
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/05/67-05/16/91	9	0.03	1.067	4.04	0.	2.24	1.497	0.	0.	2.28	4.04
00900p	HARDNESS, TOTAL (MG/L AS CaCO3)	07/05/67-05/16/91	9	403.	394.111	470.	312.	2521.111	50.211	312.	356.	436.	470.
00916p	CALCIUM, TOTAL (MG/L AS Ca)	07/05/67-05/16/91	9	93.7	97.456	114.	77.5	173.088	13.156	77.5	86.	110.	114.
00927p	MAGNESIUM, TOTAL (MG/L AS MG)	07/05/67-05/16/91	9	35.3	36.4	48.9	28.7	45.9	6.775	28.7	30.5	41.6	48.9
00929p	SODIUM, TOTAL (MG/L AS Na)	07/05/67-05/16/91	9	103.	110.989	145.	92.4	294.311	17.155	92.4	97.25	121.5	145.
00937p	POTASSIUM, TOTAL MG/L AS K)	07/05/67-05/16/91	9	10.	9.722	10.8	8.2	0.614	0.784	8.2	9.2	10.25	10.8
00940p	CHLORIDE,TOTAL IN WATER MG/L	07/05/67-05/16/91	9	110.	109.889	181.	10.	2462.611	49.625	10.	90.	150.5	181.
00945p	SULFATE, TOTAL (MG/L AS SO4)	07/05/67-05/16/91	9	235.	241.	306.	172.	1762.75	41.985	172.	215.5	281.5	306.
31503p	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	07/05/67-05/16/91	9	8700.	13877.778	30800.	1800.	122361944.444	11061.733	1800.	5450.	25850.	30800.
31503p	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	07/05/67-05/16/91	9	3.94	3.992	4.489	3.255	0.171	0.413	3.255	3.72	4.406	4.489
31503p	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			9815.807								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/70-05/16/91	9	840.	1732.222	6900.	150.	4965744.444	2228.395	150.	330.	2550.	6900.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/70-05/16/91	9	2.924	2.943	3.839	2.176	0.307	0.554	2.176	2.452	3.347	3.839
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			876.429								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/01/68-05/16/91	9	3800.	8888.889	47000.	900.	213461111.111	14610.308	900.	1900.	8500.	47000.
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/01/68-05/16/91	9	3.58	3.635	4.672	2.954	0.25	0.5	2.954	3.276	3.906	4.672
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			4319.394								
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/05/67-07/06/79	9	898.	879.444	1009.	741.	10062.778	100.313	741.	769.5	973.	1009.
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	11/06/68-05/16/91	9	0.1	0.538	3.3	0.03	1.112	1.054	0.03	0.07	0.51	3.3
71850p	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	07/05/67-01/24/91	9	4.3	6.267	17.9	0.	49.395	7.028	0.	0.	13.15	17.9

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### Annual Analysis for 1977 - Station SAMO0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/05/67-10/07/81	12	13.85	14.508	23.9	5.6	37.454	6.12	5.93	8.225	19.725	23.39
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/05/67-05/16/91	12	57.	58.125	75.	42.	121.551	11.025	42.6	46.875	67.5	74.1
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/05/67-05/16/91	15	1160.	891.733	1520.	80.	298796.495	546.623	92.	160.	1260.	1508.
00300p	OXYGEN, DISSOLVED MG/L	08/03/67-05/09/84	11	7.3	7.791	11.3	4.1	4.833	2.198	4.52	6.4	10.4	11.2
00310p	BOD, 5 DAY, 20 DEG C MG/L	07/05/67-04/17/91	11	5.	5.727	18.	1.	19.418	4.407	1.2	4.	6.	15.8
00340p	COD, .25N K2CR2O7 MG/L	07/05/67-05/09/84	11	54.	53.636	71.	29.	176.655	13.291	30.2	49.	68.	70.6
00403p	PH, LAB, STANDARD UNITS SU	07/05/67-05/16/91	13	8.2	7.908	8.8	6.6	0.369	0.608	6.8	7.45	8.3	8.6
00403p	CONVERTED PH, LAB, STANDARD UNITS	07/05/67-05/16/91	13	8.2	7.44	8.8	6.6	0.606	0.778	6.8	7.45	8.3	8.6
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/05/67-05/16/91	13	0.006	0.036	0.251	0.002	0.005	0.069	0.003	0.005	0.042	0.182
00440p	BICARBONATE ION (MG/L AS HCO3)	07/05/67-05/16/91	10	275.5	253.6	319.	133.	4023.822	63.434	135.4	204.25	298.	317.2
00445	CARBONATE ION (MG/L AS CO3)	07/05/67-07/06/79	5	0.	4.6	23.	0.	105.8	10.286	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/05/67-11/02/79	11	0.06	0.069	0.159	0.	0.002	0.045	0.008	0.039	0.099	0.149
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/05/67-05/16/91	11	0.54	0.82	3.8	0.	1.312	1.146	0.	0.	1.04	3.37
00900p	HARDNESS, TOTAL (MG/L AS CaCO3)	07/05/67-05/16/91	3	360.	371.667	530.	225.	23358.333	152.834	**	**	**	**
00916p	CALCIUM, TOTAL (MG/L AS Ca)	07/05/67-05/16/91	3	84.5	93.133	131.	63.9	1181.503	34.373	**	**	**	**
00927p	MAGNESIUM, TOTAL (MG/L AS MG)	07/05/67-05/16/91	3	36.3	33.8	49.1	16.	278.59	16.691	**	**	**	**
00929p	SODIUM, TOTAL (MG/L AS Na)	07/05/67-05/16/91	3	95.8	91.933	124.	56.	1167.213	34.165	**	**	**	**
00937p	POTASSIUM, TOTAL MG/L AS K)	07/05/67-05/16/91	3	7.2	6.967	7.4	6.3	0.343	0.586	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	07/05/67-05/16/91	10	101.5	110.6	155.	57.	951.378	30.844	60.7	95.5	147.25	154.6
00945p	SULFATE, TOTAL (MG/L AS SO4)	07/05/67-05/16/91	11	286.	254.909	352.	19.	9009.091	94.916	42.	259.	301.	344.6
31503p	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	07/05/67-05/16/91	11	5800.	27954.545	200000.	400.	3412268727.273	58414.628	720.	3500.	25900.	168400.
31503p	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	07/05/67-05/16/91	11	3.763	3.886	5.301	2.602	0.514	0.717	2.742	3.544	4.413	5.165
31503p	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			7683.295								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/70-05/16/91	11	880.	11120.	100000.	80.	880471680.	29672.743	120.	400.	3000.	82400.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/70-05/16/91	11	2.944	3.162	5.	1.903	0.703	0.838	2.012	2.602	3.477	4.816
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1452.879								

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### Annual Analysis for 1977 - Station SAMO0002

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/01/68-05/16/91	11	4700.	18068.182	101000.						
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/01/68-05/16/91	11	3.672	3.672	5.004	1.699	0.731	0.855	2.015	3.462	4.959
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =		4699.375								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/02/77-05/16/91	9	835.	682.889	970.	73.	124232.861	352.467	73.	417.	970.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/05/67-07/06/79	3	773.	793.667	1111.	497.	94569.333	307.521	**	**	**
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	11/06/68-05/16/91	11	0.07	0.098	0.24	0.01	0.008	0.089	0.012	0.04	0.23
71850p	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	07/05/67-01/24/91	11	2.4	3.627	16.8	0.	25.652	5.065	0.	0.	4.6

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### Annual Analysis for 1978 - Station SAMO0002

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/05/67-10/07/81	17	12.5	13.376	22.8	7.2	17.901	4.231	7.44	10.55	17.2
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/05/67-05/16/91	17	54.5	56.088	73.	45.	57.976	7.614	45.4	51.	67.4
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/05/67-05/16/91	18	638.5	659.278	1510.	107.	197879.389	444.836	179.	226.25	1027.5
00300p	OXYGEN, DISSOLVED MG/L	08/03/67-05/09/84	11	7.2	7.245	9.9	3.6	3.455	1.859	3.94	6.1	9.82
00310p	BOD, 5 DAY, 20 DEG C MG/L	07/05/67-04/17/91	11	13.	13.818	36.	2.	141.364	11.89	2.	3.	23.
00340p	COD, .25N K2CR2O7 MG/L	07/05/67-05/09/84	11	45.	49.182	153.	5.	1559.964	39.496	6.6	15.	60.
00403p	PH, LAB, STANDARD UNITS SU	07/05/67-05/16/91	18	7.85	7.8	8.5	6.7	0.238	0.487	7.24	7.375	8.225
00403p	CONVERTED PH, LAB, STANDARD UNITS	07/05/67-05/16/91	18	7.847	7.518	8.5	6.7	0.322	0.568	7.24	7.375	8.225
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/05/67-05/16/91	18	0.014	0.03	0.2	0.003	0.002	0.046	0.005	0.006	0.042
00440p	BICARBONATE ION (MG/L AS HCO3)	07/05/67-05/16/91	10	249.5	235.	282.	118.	2210.222	47.013	127.3	220.	263.
00445	CARBONATE ION (MG/L AS CO3)	07/05/67-07/06/79	1	4.	4.	4.	4.	0.	0.	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/05/67-11/02/79	10	0.308	1.508	4.66	0.04	3.714	1.927	0.04	0.085	3.94
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/05/67-05/16/91	10	2.668	3.952	11.32	0.115	13.389	3.659	0.167	0.953	6.535
00900p	HARDNESS, TOTAL (MG/L AS CaCO3)	07/05/67-05/16/91	3	258.	271.	317.	238.	1687.	41.073	**	**	**
00916p	CALCIUM, TOTAL (MG/L AS Ca)	07/05/67-05/16/91	3	77.2	76.967	84.2	69.5	54.063	7.353	**	**	**
00927p	MAGNESIUM, TOTAL (MG/L AS MG)	07/05/67-05/16/91	3	20.5	19.233	26.1	11.1	57.453	7.58	**	**	**
00929p	SODIUM, TOTAL (MG/L AS Na)	07/05/67-05/16/91	3	69.4	66.067	83.	45.8	354.293	18.823	**	**	**
00937p	POTASSIUM, TOTAL MG/L AS K)	07/05/67-05/16/91	3	6.6	7.533	9.8	6.2	3.893	1.973	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	07/05/67-05/16/91	10	80.	76.8	126.	21.	1229.511	35.064	22.6	49.75	105.75
00945p	SULFATE, TOTAL (MG/L AS SO4)	07/05/67-05/16/91	10	168.5	216.4	438.	100.	14200.711	119.167	101.3	127.25	350.25
31503p	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	07/05/67-05/16/91	10	9400.	25500.	140000.	2000.	179810888.889	42404.114	2020.	3550.	32000.
31503p	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	07/05/67-05/16/91	10	3.968	4.01	5.146	3.301	0.353	0.595	3.305	3.537	4.496
31503p	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =		10232.945								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/70-05/16/91	8	500.	4322.5	31000.	120.	116286564.286	10783.625	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/70-05/16/91	8	2.698	2.86	4.491	2.079	0.514	0.717	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =		724.167								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/01/68-05/16/91	10	1550.	34340.	320000.	400.	10080509333.333	100401.74	400.	550.	6375.
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/01/68-05/16/91	10	3.185	3.421	5.505	2.602	0.746	0.864	2.602	2.734	3.802
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =		2637.716								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/02/77-05/16/91	17	441.	463.765	1044.	100.	86981.566	294.926	109.6	208.	660.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/05/67-07/06/79	1	546.	546.	546.	546.	0.	0.	**	**	**
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	11/06/68-05/16/91	10	0.34	1.252	4.27	0.02	2.547	1.596	0.021	0.045	2.843
71850p	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	07/05/67-01/24/91	10	11.8	17.49	50.1	0.5	262.27	16.195	0.73	4.225	28.925

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### Annual Analysis for 1979 - Station SAMO0002

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/05/67-10/07/81	12	13.85	14.108	22.2	7.2	25.319	5.032	7.2	10.	18.6
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/05/67-05/16/91	13	56.	56.615	72.	45.	83.59	9.143	45.	48.5	65.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/05/67-05/16/91	14	1047.5	901.286	1750.	116.	180763.758	425.163	136.5	611.75	1097.5

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### Annual Analysis for 1979 - Station SAMO0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300p	OXYGEN, DISSOLVED MG/L	08/03/67-05/09/84	11	5.8	6.709	10.1	3.4	6.789	2.606	3.46	4.2	9.9	10.08
00310p	BOD, 5 DAY, 20 DEG C MG/L	07/05/67-04/17/91	11	9.	12.	26.	1.	88.6	9.413	1.4	3.	20.	25.4
00340p	COD, .25N K2CR2O7 MG/L	07/05/67-05/09/84	11	36.	51.182	136.	18.	1964.164	44.319	18.4	22.	74.	135.6
00403p	PH, LAB, STANDARD UNITS SU	07/05/67-05/16/91	14	8.1	7.921	8.5	6.8	0.273	0.522	6.9	7.55	8.3	8.45
00403p	CONVERTED PH, LAB, STANDARD UNITS	07/05/67-05/16/91	14	8.1	7.557	8.5	6.8	0.416	0.645	6.9	7.55	8.3	8.45
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/05/67-05/16/91	14	0.008	0.028	0.158	0.003	0.002	0.046	0.004	0.005	0.029	0.129
00440p	BICARBONATE ION (MG/L AS HCO3)	07/05/67-05/16/91	11	241.	243.	300.	216.	487.6	22.082	217.4	230.	247.	291.2
00445	CARBONATE ION (MG/L AS CO3)	07/05/67-07/06/79	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/03/79-05/16/91	1	0.13	0.13	0.13	0.13	0.	0.	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/05/67-11/02/79	10	0.09	0.126	0.39	0.04	0.012	0.109	0.04	0.04	0.163	0.374
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/05/67-05/16/91	8	5.645	5.32	8.09	1.74	4.689	2.165	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CaCO3)	07/05/67-05/16/91	11	409.	411.455	725.	259.	14150.473	118.956	270.2	319.	428.	668.6
00916p	CALCIUM, TOTAL (MG/L AS Ca)	07/05/67-05/16/91	11	104.	106.936	188.	71.7	916.683	30.277	73.62	84.3	113.	173.2
00927p	MAGNESIUM, TOTAL (MG/L AS MG)	07/05/67-05/16/91	11	34.7	35.009	61.9	19.5	113.175	10.638	20.88	27.1	37.3	57.5
00929p	SODIUM, TOTAL (MG/L AS Na)	07/05/67-05/16/91	11	81.2	77.073	118.	48.	348.514	18.669	49.16	62.9	84.4	111.3
00937p	POTASSIUM, TOTAL MG/L AS K)	07/05/67-05/16/91	11	6.1	6.164	8.9	4.	1.669	1.292	4.2	5.1	6.9	8.56
00940p	CHLORIDE, TOTAL IN WATER MG/L	07/05/67-05/16/91	11	94.	83.273	112.	41.	687.418	26.219	42.2	58.	110.	112.
00945p	SULFATE, TOTAL (MG/L AS SO4)	07/05/67-05/16/91	11	222.	250.364	600.	117.	15881.855	126.023	128.2	188.	272.	540.4
31503p	COLIFORM, TOT, MEMBR FILTER, DELAYED, M-ENDO MED, 35 C	07/05/67-05/16/91	11	14000.	26730.909	120000.	840.	1175178909.091	34280.883	1632.	6800.	32000.	106000.
31503p	LOG COLIFORM, TOT, MEMBR FILTER, DELAYED, M-ENDO MED, 3	07/05/67-05/16/91	11	4.146	4.13	5.079	2.924	0.337	0.581	3.076	3.833	4.505	5.003
31503p	GM COLIFORM, TOT, MEMBR FILTER, DELAYED, M-ENDO MED, 35	GEOMETRIC MEAN =			13488.255								
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/07/70-05/16/91	11	1400.	5947.273	33000.	40.	94820501.818	9737.582	116.	760.	8000.	28800.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/07/70-05/16/91	11	3.146	3.264	4.519	1.602	0.63	0.794	1.806	2.881	3.903	4.431
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			1836.01								
31673p	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	10/01/68-05/16/91	11	4200.	18845.455	87000.	200.	1049314727.273	32393.128	460.	1600.	10000.	85800.
31673p	LOG FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	10/01/68-05/16/91	11	3.623	3.717	4.94	2.301	0.575	0.758	2.476	3.204	4.	4.933
31673p	GM FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	GEOMETRIC MEAN =			5210.905								
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	05/02/77-05/16/91	14	740.	649.714	1344.	92.	99374.066	315.237	114.	454.	799.	1088.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/05/67-07/06/79	1	820.	820.	820.	820.	0.	0.	**	**	**	**
70507p	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	11/06/68-05/16/91	11	0.28	0.355	1.12	0.04	0.113	0.336	0.042	0.07	0.47	1.046
71850p	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	07/05/67-01/24/91	8	25.	23.55	35.8	7.7	91.763	9.579	**	**	**	**

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### Annual Analysis for 1980 - Station SAMO0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/05/67-05/16/91	14	58.5	58.286	66.	52.	24.989	4.999	52.	52.75	63.25	65.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/05/67-05/16/91	16	1140.	918.5	1740.	180.	268622.533	518.288	194.7	280.25	1242.	1652.5
00300p	OXYGEN, DISSOLVED MG/L	08/03/67-05/09/84	11	8.7	9.582	18.3	6.5	10.942	3.308	6.64	7.4	10.6	17.
00310p	BOD, 5 DAY, 20 DEG C MG/L	07/05/67-04/17/91	11	4.	4.745	13.	1.	12.873	3.588	1.04	2.	6.	12.2
00340p	COD, .25N K2CR2O7 MG/L	07/05/67-05/09/84	11	24.	32.818	122.	8.	981.964	31.336	10.	19.	26.	107.8
00403p	PH, LAB, STANDARD UNITS SU	07/05/67-05/16/91	16	8.05	7.894	8.6	6.6	0.279	0.528	7.09	7.45	8.275	8.53
00403p	CONVERTED PH, LAB, STANDARD UNITS	07/05/67-05/16/91	16	8.047	7.509	8.6	6.6	0.437	0.661	7.09	7.45	8.275	8.53
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/05/67-05/16/91	16	0.009	0.031	0.251	0.003	0.004	0.061	0.003	0.005	0.036	0.11
00440p	BICARBONATE ION (MG/L AS HCO3)	07/05/67-05/16/91	11	207.	204.727	243.	167.	416.818	20.416	170.4	193.	220.	238.4
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/03/79-05/16/91	11	0.14	0.276	1.63	0.04	0.211	0.459	0.042	0.05	0.24	1.372
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/08/80-05/16/91	11	0.08	0.312	1.55	0.03	0.215	0.464	0.036	0.07	0.39	1.392
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/05/67-05/16/91	11	2.71	5.013	10.36	1.52	11.337	3.367	1.628	2.07	8.33	9.992
00900p	HARDNESS, TOTAL (MG/L AS CaCO3)	07/05/67-05/16/91	11	401.	427.182	620.	302.	11824.164	108.739	305.2	355.	523.	617.6
00916p	CALCIUM, TOTAL (MG/L AS Ca)	07/05/67-05/16/91	11	101.	108.864	158.5	51.2	1063.411	32.61	56.96	93.4	137.	158.5
00927p	MAGNESIUM, TOTAL (MG/L AS MG)	07/05/67-05/16/91	11	36.6	37.682	54.4	24.8	98.802	9.94	25.28	29.5	46.1	53.82
00929p	SODIUM, TOTAL (MG/L AS Na)	07/05/67-05/16/91	11	84.	82.091	105.8	56.1	301.545	17.365	56.22	65.5	95.	105.76
00937p	POTASSIUM, TOTAL MG/L AS K)	07/05/67-05/16/91	11	6.1	5.582	7.	0.8	3.052	1.747	1.62	5.	6.7	6.96
00940p	CHLORIDE, TOTAL IN WATER MG/L	07/05/67-05/16/91	11	102.	92.	128.	49.	662.6	25.741	50.	64.	109.	124.2
00945p	SULFATE, TOTAL (MG/L AS SO4)	07/05/67-05/16/91	11	248.	293.182	480.	201.	9139.364	95.6	204.4	228.	338.	476.
31503p	COLIFORM, TOT, MEMBR FILTER, DELAYED, M-ENDO MED, 35 C	07/05/67-05/16/91	11	18000.	44872.727	160000.	1600.	2869626181.818	53568.892	2240.	6000.	98000.	150000.

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot



### Annual Analysis for 1980 - Station SAMO0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31503p	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	07/05/67-05/16/91	11	4.255	4.295	5.204	3.204	0.411	0.641	3.3	3.778	4.991	5.172
31503p	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			19706.235								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/70-05/16/91	11	1200.	1465.455	6900.	40.	3633287.273	1906.118	72.	400.	1400.	5940.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/70-05/16/91	11	3.079	2.878	3.839	1.602	0.346	0.588	1.742	2.602	3.146	3.736
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			755.943								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/01/68-05/16/91	11	4200.	43309.091	290000.	500.	7928038909.091	89039.536	540.	700.	33000.	256000.
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/01/68-05/16/91	11	3.623	3.785	5.462	2.699	0.889	0.943	2.728	2.845	4.519	5.386
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			6095.723								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/02/77-05/16/91	16	768.	638.688	1188.	120.	131707.563	362.915	139.6	192.	896.	1162.8
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	11/06/68-05/16/91	11	0.39	0.59	1.5	0.01	0.354	0.595	0.01	0.02	1.11	1.494

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### Annual Analysis for 1981 - Station SAMO0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/05/67-10/07/81	1	17.8	17.8	17.8	17.8	0.	0.	**	**	**	**
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/05/67-05/16/91	12	61.	60.	80.	46.	127.455	11.29	46.6	49.25	70.5	77.6
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/05/67-05/16/91	12	1010.	948.75	1520.	123.	209722.205	457.954	135.6	744.	1347.5	1511.
00300p	OXYGEN, DISSOLVED MG/L	08/03/67-05/09/84	10	9.5	9.18	12.	4.8	4.022	2.005	5.1	7.95	10.4	11.9
00310p	BOD, 5 DAY, 20 DEG C MG/L	07/05/67-04/17/91	10	5.	6.7	13.	3.	13.567	3.683	3.	3.75	10.25	12.8
00340p	COD, .25N K2CR2O7 MG/L	07/05/67-05/09/84	10	47.	140.3	639.	9.	45362.678	212.985	9.9	20.25	180.25	616.9
00403p	PH, LAB, STANDARD UNITS SU	07/05/67-05/16/91	12	8.35	8.167	8.6	7.3	0.186	0.431	7.33	8.	8.5	8.57
00403p	CONVERTED PH, LAB, STANDARD UNITS	07/05/67-05/16/91	12	8.347	7.924	8.6	7.3	0.25	0.5	7.33	8.	8.5	8.57
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/05/67-05/16/91	12	0.004	0.012	0.05	0.003	0.	0.016	0.003	0.003	0.01	0.047
00440p	BICARBONATE ION (MG/L AS HCO3)	07/05/67-05/16/91	10	244.5	243.9	301.	182.	1006.1	31.719	186.2	230.	257.5	298.9
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/03/79-05/16/91	10 ##	0.008	0.064	0.4	0.005	0.015	0.122	0.005	0.005	0.063	0.37
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/08/80-05/16/91	10	0.045	0.055	0.12	0.005	0.002	0.04	0.007	0.028	0.09	0.12
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/05/67-05/16/91	10	1.395	1.598	3.34	0.06	1.298	1.139	0.07	0.7	2.655	3.294
00900p	HARDNESS, TOTAL (MG/L AS CaCO3)	07/05/67-05/16/91	10	375.5	421.4	605.	298.	13215.156	114.957	299.2	328.	564.75	601.2
00916p	CALCIUM, TOTAL (MG/L AS Ca)	07/05/67-05/16/91	10	122.5	129.99	198.	92.3	1104.963	33.241	92.96	100.475	156.075	194.7
00927p	MAGNESIUM, TOTAL (MG/L AS MG)	07/05/67-05/16/91	10	21.9	24.11	43.9	10.3	107.314	10.359	10.83	17.175	30.15	43.29
00929p	SODIUM, TOTAL (MG/L AS Na)	07/05/67-05/16/91	10	84.	83.75	130.	47.	806.736	28.403	47.5	58.	109.25	128.3
00937p	POTASSIUM, TOTAL MG/L AS K)	07/05/67-05/16/91	10	5.9	7.14	13.1	4.5	9.352	3.058	4.5	4.875	9.775	12.94
00940p	CHLORIDE,TOTAL IN WATER MG/L	07/05/67-05/16/91	10	85.5	77.2	110.	42.	656.844	25.629	42.7	52.	98.	109.1
00945p	SULFATE, TOTAL (MG/L AS SO4)	07/05/67-05/16/91	10	267.5	282.2	530.	95.	22153.733	148.841	96.7	133.	412.5	522.
31503p	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	07/05/67-05/16/91	10	52000.	76500.	260000.	5000.	612694444.444	78274.801	6100.	17500.	125000.	248000.
31503p	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	07/05/67-05/16/91	10	4.711	4.657	5.415	3.699	0.261	0.511	3.749	4.242	5.096	5.388
31503p	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			45399.358								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/70-05/16/91	10	760.	2148.	6400.	360.	5329884.444	2308.654	374.	575.	3750.	6360.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/70-05/16/91	10	2.88	3.108	3.806	2.556	0.211	0.46	2.571	2.758	3.552	3.803
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1282.51								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/01/68-05/16/91	10	1800.	12230.	63000.	400.	455875666.667	21351.245	420.	675.	15900.	60600.
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/01/68-05/16/91	10	3.249	3.483	4.799	2.602	0.579	0.761	2.62	2.828	4.083	4.779
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			3037.46								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/02/77-05/16/91	12	687.	665.417	1068.	115.	99595.356	315.587	119.5	497.	961.	1056.6
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	11/06/68-05/16/91	10	0.195	0.439	2.72	0.06	0.651	0.807	0.062	0.118	0.31	2.485

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### Annual Analysis for 1982 - Station SAMO0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/05/67-05/16/91	13	56.	58.462	82.	46.	98.603	9.93	46.4	51.	64.	77.2
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/05/67-05/16/91	13	1080.	893.077	1520.	68.	263009.244	512.844	82.4	412.	1265.	1488.

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### Annual Analysis for 1982 - Station SAMO0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300p	OXYGEN, DISSOLVED MG/L	08/03/67-05/09/84	9	11.3	10.178	12.	5.	5.014	2.239	5.	9.2	11.65	12.
00310p	BOD, 5 DAY, 20 DEG C MG/L	07/05/67-04/17/91	9	6.	5.733	14.1	0.5	21.778	4.667	0.5	1.5	9.5	14.1
00340p	COD, .25N K2CR2O7 MG/L	07/05/67-05/09/84	9	43.	42.333	76.	19.	393.75	19.843	19.	25.	60.	76.
00403p	PH, LAB, STANDARD UNITS SU	07/05/67-05/16/91	13	8.2	8.1	9.	7.2	0.315	0.561	7.28	7.55	8.5	8.88
00403p	CONVERTED PH, LAB, STANDARD UNITS	07/05/67-05/16/91	13	8.2	7.792	9.	7.2	0.418	0.646	7.28	7.55	8.5	8.88
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/05/67-05/16/91	13	0.006	0.016	0.063	0.001	0.	0.019	0.001	0.003	0.028	0.054
00440p	BICARBONATE ION (MG/L AS HCO3)	07/05/67-05/16/91	9	214.	204.889	253.	140.	1824.111	42.71	140.	163.5	248.	253.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/03/79-05/16/91	9	0.13	0.168	0.6	0.05	0.028	0.168	0.05	0.075	0.17	0.6
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/08/80-05/16/91	9	0.08	0.096	0.21	0.005	0.006	0.08	0.005	0.023	0.18	0.21
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/05/67-05/16/91	9	1.32	1.431	2.4	0.08	0.604	0.777	0.08	0.93	2.265	2.4
00900p	HARDNESS, TOTAL (MG/L AS CaCO3)	07/05/67-05/16/91	9	451.	434.222	584.	188.	13935.944	118.051	188.	374.5	525.	584.
00916p	CALCIUM, TOTAL (MG/L AS Ca)	07/05/67-05/16/91	9	129.	120.4	154.8	50.	977.073	31.258	50.	105.3	142.05	154.8
00927p	MAGNESIUM, TOTAL (MG/L AS MG)	07/05/67-05/16/91	9	30.	32.411	49.8	15.6	115.024	10.725	15.6	26.75	41.25	49.8
00929p	SODIUM, TOTAL (MG/L AS Na)	07/05/67-05/16/91	9	90.	87.278	120.	32.	637.444	25.248	32.	78.75	105.5	120.
00937p	POTASSIUM, TOTAL MG/L AS K)	07/05/67-05/16/91	9	6.3	6.217	8.	4.3	1.356	1.165	4.3	5.375	7.05	8.
00940p	CHLORIDE, TOTAL IN WATER MG/L	07/05/67-05/16/91	9	128.	121.111	163.	74.	849.611	29.148	74.	96.5	145.5	163.
00945p	SULFATE, TOTAL (MG/L AS SO4)	07/05/67-05/16/91	9	277.	285.889	425.	77.	10646.861	103.184	77.	242.	371.	425.
31503p	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	07/05/67-05/16/91	9	10000.	17555.556	48000.	800.	298857777.778	17287.504	800.	5400.	32000.	48000.
31503p	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	07/05/67-05/16/91	9	4.	4.006	4.681	2.903	0.303	0.551	2.903	3.73	4.472	4.681
31503p	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			10127.859								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/70-05/16/91	9	1000.	1933.333	5400.	400.	2860000.	1691.153	400.	700.	3200.	5400.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/70-05/16/91	9	3.	3.136	3.732	2.602	0.149	0.387	2.602	2.841	3.504	3.732
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1369.275								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/01/68-05/16/91	9	1500.	6188.889	44000.	300.	20214111.111	14217.634	300.	750.	3000.	44000.
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/01/68-05/16/91	9	3.176	3.231	4.643	2.477	0.383	0.619	2.477	2.866	3.461	4.643
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			1703.291								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/02/77-05/16/91	13	744.	631.538	1056.	52.	126766.769	356.043	72.8	281.	940.	1043.2
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	11/06/68-05/16/91	9	0.06	0.094	0.2	0.005	0.004	0.065	0.005	0.055	0.16	0.2

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### Annual Analysis for 1983 - Station SAMO0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/05/67-05/16/91	13	60.	66.538	91.	48.	169.769	13.03	51.6	58.	78.5	89.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/05/67-05/16/91	14	725.	848.286	1370.	256.	131253.451	362.289	360.5	566.25	1232.5	1320.
00300p	OXYGEN, DISSOLVED MG/L	08/03/67-05/09/84	12	10.	10.317	12.	7.	2.367	1.538	7.6	9.25	11.95	12.
00310p	BOD, 5 DAY, 20 DEG C MG/L	07/05/67-04/17/91	12	5.	6.167	16.	2.	17.242	4.152	2.	3.	9.	14.2
00340p	COD, .25N K2CR2O7 MG/L	07/05/67-05/09/84	12	31.	35.083	96.	15.	494.629	22.24	15.	18.	43.5	81.
00403p	PH, LAB, STANDARD UNITS SU	07/05/67-05/16/91	14	8.2	8.271	9.	7.8	0.122	0.35	7.85	8.	8.6	8.85
00403p	CONVERTED PH, LAB, STANDARD UNITS	07/05/67-05/16/91	14	8.189	8.162	9.	7.8	0.135	0.367	7.85	8.	8.6	8.85
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/05/67-05/16/91	14	0.006	0.007	0.016	0.001	0.	0.004	0.001	0.003	0.01	0.014
00440p	BICARBONATE ION (MG/L AS HCO3)	07/05/67-05/16/91	12	171.	171.583	252.	108.	1269.356	35.628	117.	145.	188.25	235.2
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/03/79-05/16/91	12	0.2	0.508	3.29	0.005	0.867	0.931	0.005	0.038	0.418	2.648
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/08/80-05/16/91	9	0.05	0.059	0.11	0.005	0.002	0.042	0.005	0.018	0.105	0.11
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/05/67-05/16/91	12	1.51	1.471	2.75	0.61	0.323	0.568	0.667	1.05	1.773	2.51
00900p	HARDNESS, TOTAL (MG/L AS CaCO3)	07/05/67-05/16/91	12	342.5	338.333	516.	214.	11170.97	105.693	215.5	233.75	424.25	500.7
00916p	CALCIUM, TOTAL (MG/L AS Ca)	07/05/67-05/16/91	12	76.95	77.858	122.	48.	589.675	24.283	48.6	53.75	89.625	119.9
00927p	MAGNESIUM, TOTAL (MG/L AS MG)	07/05/67-05/16/91	12	32.85	34.783	51.	22.	144.107	12.004	22.3	23.25	46.75	50.91
00929p	SODIUM, TOTAL (MG/L AS Na)	07/05/67-05/16/91	12	61.75	60.975	102.	15.1	898.697	29.978	20.17	34.	88.	100.5
00937p	POTASSIUM, TOTAL MG/L AS K)	07/05/67-05/16/91	12	5.05	4.984	7.9	2.3	3.106	1.762	2.33	3.678	5.975	7.75
00940p	CHLORIDE,TOTAL IN WATER MG/L	07/05/67-05/16/91	12	56.5	61.333	106.	24.	1146.606	33.862	24.3	27.	95.5	103.3
00945p	SULFATE, TOTAL (MG/L AS SO4)	07/05/67-05/16/91	12	141.5	191.583	439.	43.	16662.811	129.085	45.7	77.	302.5	404.8
31503p	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	07/05/67-05/16/91	12	4000.	8150.	28000.	800.	75208181.818	8672.265	860.	2700.	14500.	25600.
31503p	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	07/05/67-05/16/91	12	3.602	3.683	4.447	2.903	0.232	0.481	2.932	3.424	4.153	4.403
31503p	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			4823.319								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/70-05/16/91	12	480.	673.333	1600.	40.	257987.879	507.925	40.	330.	1150.	1480.

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### Annual Analysis for 1983 - Station SAMO0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/07/70-05/16/91	12	2.675	2.628	3.204	1.602	0.287	0.536	1.602	2.518	3.059	3.167
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			424.506								
31673p	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	10/01/68-05/16/91	12	1350.	2600.	8000.	300.	5640000.	2374.868	330.	850.	4125.	7100.
31673p	LOG FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	10/01/68-05/16/91	12	3.123	3.222	3.903	2.477	0.207	0.455	2.515	2.927	3.615	3.842
31673p	GM FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	GEOMETRIC MEAN =			1667.674								
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	05/02/77-05/16/91	14	476.	597.214	980.	176.	66383.566	257.65	246.	423.25	853.5	926.
70507p	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	11/06/68-05/16/91	12	0.12	0.703	4.57	0.005	1.644	1.282	0.007	0.063	0.975	3.517

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1984 - Station SAMO0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/05/67-05/16/91	5	70.	68.2	79.	55.	83.7	9.149	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/05/67-05/16/91	5	1180.	1232.	1580.	1090.	41070.	202.657	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	08/03/67-05/09/84	5	13.	12.6	14.	11.	1.3	1.14	**	**	**	**
00310p	BOD, 5 DAY, 20 DEG C MG/L	07/05/67-04/17/91	5	8.	7.4	10.	3.	8.8	2.966	**	**	**	**
00340p	COD, .25N K2CR2O7 MG/L	07/05/67-05/09/84	5	57.	53.6	71.	36.	217.8	14.758	**	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	07/05/67-05/16/91	5	8.7	8.84	9.7	8.3	0.268	0.518	**	**	**	**
00403p	CONVERTED PH, LAB, STANDARD UNITS	07/05/67-05/16/91	5	8.7	8.666	9.7	8.3	0.306	0.553	**	**	**	**
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/05/67-05/16/91	5	0.002	0.002	0.005	0.	0.	0.002	**	**	**	**
00440p	BICARBONATE ION (MG/L AS HCO3)	07/05/67-05/16/91	5	120.	134.4	174.	90.	1270.8	35.648	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/03/79-05/16/91	5	0.1	0.318	1.2	0.03	0.247	0.497	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/08/80-05/16/91	4	0.1	0.108	0.2	0.03	0.005	0.07	**	**	**	**
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/05/67-05/16/91	5	1.6	2.54	6.1	0.7	4.523	2.127	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CaCO3)	07/05/67-05/16/91	5	447.	444.4	649.	320.	16160.8	127.125	**	**	**	**
00916p	CALCIUM, TOTAL (MG/L AS Ca)	07/05/67-05/16/91	5	98.5	99.64	153.	71.3	1059.863	32.556	**	**	**	**
00927p	MAGNESIUM, TOTAL (MG/L AS MG)	07/05/67-05/16/91	5	47.2	46.88	64.	34.1	123.147	11.097	**	**	**	**
00929p	SODIUM, TOTAL (MG/L AS NA)	07/05/67-05/16/91	5	103.4	102.76	111.	91.2	75.188	8.671	**	**	**	**
00937p	POTASSIUM, TOTAL MG/L AS K	07/05/67-05/16/91	5	6.	6.16	7.9	4.9	1.193	1.092	**	**	**	**
00940p	CHLORIDE, TOTAL IN WATER MG/L	07/05/67-05/16/91	5	96.	99.4	130.	80.	353.8	18.81	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	07/05/67-05/16/91	5	358.	382.	500.	286.	6811.5	82.532	**	**	**	**
31503p	COLIFORM, TOT, MEMBR FILTER, DELAYED, M-ENDO MED, 35 C	07/05/67-05/16/91	5	6400.	8440.	21000.	1200.	55648000.	7459.759	**	**	**	**
31503p	LOG COLIFORM, TOT, MEMBR FILTER, DELAYED, M-ENDO MED, 35 C	07/05/67-05/16/91	5	3.806	3.772	4.322	3.079	0.2	0.448	**	**	**	**
31503p	GM COLIFORM, TOT, MEMBR FILTER, DELAYED, M-ENDO MED, 35 C	GEOMETRIC MEAN =			5912.508								
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/07/70-05/16/91	5	360.	328.	640.	80.	48320.	219.818	**	**	**	**
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/07/70-05/16/91	5	2.556	2.414	2.806	1.903	0.129	0.359	**	**	**	**
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			259.627								
31673p	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	10/01/68-05/16/91	5	2500.	5560.	20000.	300.	66473000.	8153.098	**	**	**	**
31673p	LOG FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	10/01/68-05/16/91	5	3.398	3.382	4.301	2.477	0.429	0.655	**	**	**	**
31673p	GM FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	GEOMETRIC MEAN =			2411.782								
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	05/02/77-05/16/91	5	810.	836.	1100.	700.	24530.	156.621	**	**	**	**
70507p	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	11/06/68-05/16/91	5	0.1	0.073	0.12	0.005	0.002	0.048	**	**	**	**

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### Annual Analysis for 1988 - Station SAMO0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/05/67-05/16/91	7	64.	63.286	72.	52.	45.905	6.775	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/05/67-05/16/91	8	1013.5	1008.375	1156.	883.	7727.696	87.907	**	**	**	**
00310p	BOD, 5 DAY, 20 DEG C MG/L	07/05/67-04/17/91	2	5.25	5.25	7.5	3.	10.125	3.182	**	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	07/05/67-05/16/91	8	7.6	7.6	7.8	7.4	0.02	0.141	**	**	**	**
00403p	CONVERTED PH, LAB, STANDARD UNITS	07/05/67-05/16/91	8	7.6	7.581	7.8	7.4	0.02	0.143	**	**	**	**
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/05/67-05/16/91	8	0.025	0.026	0.04	0.016	0.	0.008	**	**	**	**

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### Annual Analysis for 1988 - Station SAMO0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00440p	BICARBONATE ION (MG/L AS HCO3)	07/05/67-05/16/91	8	155.	161.125	212.	130.	667.839	25.843	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/03/79-05/16/91	8	10.	10.564	17.9	0.51	28.297	5.319	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/08/80-05/16/91	8	1.175	2.116	7.68	0.5	6.034	2.456	**	**	**	**
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/05/67-05/16/91	8	1.585	2.228	7.27	0.7	4.538	2.13	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CaCO3)	07/05/67-05/16/91	8	224.	229.375	276.	195.	712.554	26.694	**	**	**	**
00916p	CALCIUM, TOTAL (MG/L AS Ca)	07/05/67-05/16/91	8	56.6	58.188	73.1	48.8	64.007	8.	**	**	**	**
00927p	MAGNESIUM, TOTAL (MG/L AS MG)	07/05/67-05/16/91	8	19.65	20.45	23.	17.7	4.4	2.098	**	**	**	**
00929p	SODIUM, TOTAL (MG/L AS Na)	07/05/67-05/16/91	8	103.	101.238	112.	83.9	100.994	10.05	**	**	**	**
00937p	POTASSIUM, TOTAL MG/L AS K)	07/05/67-05/16/91	8	16.85	16.813	18.9	14.8	2.01	1.418	**	**	**	**
00940p	CHLORIDE, TOTAL IN WATER MG/L	07/05/67-05/16/91	8	106.5	110.375	145.	83.	402.839	20.071	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	07/05/67-05/16/91	8	155.5	161.875	221.	131.	911.554	30.192	**	**	**	**
31503p	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	07/05/67-05/16/91	8	6800.	39328.75	230000.	430.	6145677183.929	78394.37	**	**	**	**
31503p	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	07/05/67-05/16/91	8	3.801	3.914	5.362	2.633	0.735	0.857	**	**	**	**
31503p	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			8212.492								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/70-05/16/91	8	1615.	2127.5	4300.	230.	3672221.429	1916.304	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/70-05/16/91	8	3.165	3.073	3.633	2.362	0.32	0.566	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1184.248								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/01/68-05/16/91	8	450.	575.	1800.	100.	299285.714	547.07	**	**	**	**
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/01/68-05/16/91	8	2.651	2.605	3.255	2.	0.157	0.397	**	**	**	**
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			402.671								
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/02/77-05/16/91	8	620.5	615.75	693.	524.	3831.929	61.903	**	**	**	**
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	11/06/68-05/16/91	8	1.335	4.144	14.	0.33	32.868	5.733	**	**	**	**
71850p	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	07/05/67-01/24/91	2	4.6	4.6	4.7	4.5	0.02	0.141	**	**	**	**

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### Annual Analysis for 1989 - Station SAMO0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/05/67-05/16/91	11	60.	58.455	70.	40.	110.273	10.501	40.4	52.	67.	70.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/05/67-05/16/91	11	994.	998.	1204.	867.	8936.8	94.535	873.8	903.	1063.	1176.4
00310p	BOD, 5 DAY, 20 DEG C MG/L	07/05/67-04/17/91	4	3.5	3.25	4.	2.	0.917	0.957	**	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	07/05/67-05/16/91	11	7.7	7.727	8.	7.4	0.04	0.2	7.42	7.5	7.9	8.
00403p	CONVERTED PH, LAB, STANDARD UNITS	07/05/67-05/16/91	11	7.7	7.685	8.	7.4	0.042	0.205	7.42	7.5	7.9	8.
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/05/67-05/16/91	11	0.02	0.021	0.04	0.01	0.	0.01	0.01	0.013	0.032	0.038
00440p	BICARBONATE ION (MG/L AS HCO3)	07/05/67-05/16/91	11	162.	142.727	200.	75.	2130.418	46.156	75.8	110.	190.	198.4
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/03/79-05/16/91	11	16.7	12.563	19.	0.39	62.307	7.893	0.392	0.5	18.	18.82
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/08/80-05/16/91	11 ##	0.5	0.735	4.	0.05	1.281	1.132	0.05	0.05	0.5	3.44
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/05/67-05/16/91	11	1.22	4.438	14.01	0.52	28.231	5.313	0.534	0.75	10.33	13.788
00900p	HARDNESS, TOTAL (MG/L AS CaCO3)	07/05/67-05/16/91	11	200.	204.	284.	116.	2061.4	45.403	126.4	187.	216.	281.2
00916p	CALCIUM, TOTAL (MG/L AS Ca)	07/05/67-05/16/91	11	49.3	50.564	74.	18.2	222.427	14.914	22.34	46.8	57.	73.2
00927p	MAGNESIUM, TOTAL (MG/L AS MG)	07/05/67-05/16/91	11	18.	18.891	24.	16.1	6.835	2.614	16.26	17.2	21.1	23.8
00929p	SODIUM, TOTAL (MG/L AS Na)	07/05/67-05/16/91	11	105.	103.7	113.	89.2	57.028	7.552	90.26	98.3	109.7	112.8
00937p	POTASSIUM, TOTAL MG/L AS K)	07/05/67-05/16/91	11	14.7	14.345	19.	7.2	10.517	3.243	8.02	13.1	16.	18.8
00940p	CHLORIDE, TOTAL IN WATER MG/L	07/05/67-05/16/91	11	110.	107.909	161.	71.	696.091	26.384	71.6	85.	122.	156.
00945p	SULFATE, TOTAL (MG/L AS SO4)	07/05/67-05/16/91	11	146.	152.273	213.	117.	883.418	29.722	117.2	136.	163.	209.4
31503p	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	07/05/67-05/16/91	11	13000.	26408.182	110000.	790.	1173420136.364	34255.221	1192.	3300.	33000.	102000.
31503p	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	07/05/67-05/16/91	11	4.114	4.056	5.041	2.898	0.42	0.648	3.008	3.519	4.519	5.002
31503p	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			11370.461								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/70-05/16/91	11	1300.	3170.	17000.	130.	24290300.	4928.519	130.	230.	4900.	14580.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/70-05/16/91	11	3.114	3.059	4.23	2.114	0.485	0.696	2.114	2.362	3.69	4.122
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1146.037								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/01/68-05/16/91	11	600.	2874.545	17000.	330.	25051587.273	5005.156	344.	400.	4900.	14600.
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/01/68-05/16/91	11	2.778	3.041	4.23	2.519	0.331	0.576	2.535	2.602	3.69	4.124
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			1099.707								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/02/77-05/16/91	11	603.	595.818	705.	517.	2778.364	52.71	520.2	558.	624.	691.8
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	11/06/68-05/16/91	11	3.45	2.956	4.38	0.3	2.048	1.431	0.322	2.2	4.2	4.344

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### Annual Analysis for 1989 - Station SAMO0002

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71850p NITRATE NITROGEN,TOTAL (MG/L AS NO3)	07/05/67-01/24/91	10	6.45	21.07	62.	2.3	589.311	24.276	2.33	3.125	48.55	61.51

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1990 - Station SAMO0002

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/05/67-05/16/91	12	61.	61.333	76.	45.	92.061	9.595	46.5	54.25	69.5	74.8
00095p SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/05/67-05/16/91	12	1082.5	1102.	1208.	1039.	3061.455	55.33	1040.5	1063.	1135.5	1204.4
00310p BOD, 5 DAY, 20 DEG C MG/L	07/05/67-04/17/91	4	3.5	4.175	8.5	1.2	10.989	3.315	**	**	**	**
00403p PH, LAB, STANDARD UNITS SU	07/05/67-05/16/91	12	7.75	7.717	8.1	6.7	0.136	0.369	6.97	7.6	7.975	8.1
00403p CONVERTED PH, LAB, STANDARD UNITS	07/05/67-05/16/91	12	7.747	7.494	8.1	6.7	0.19	0.436	6.97	7.6	7.975	8.1
00403p MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/05/67-05/16/91	12	0.018	0.032	0.2	0.008	0.003	0.053	0.008	0.011	0.025	0.147
00440p BICARBONATE ION (MG/L AS HCO3)	07/05/67-05/16/91	12	136.5	137.75	178.	101.	603.477	24.566	102.2	121.	160.	176.5
00608 NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/03/79-05/16/91	12	13.2	12.408	18.1	5.5	14.437	3.8	5.527	10.25	14.7	17.32
00615 NITRITE NITROGEN, TOTAL (MG/L AS N)	01/08/80-05/16/91	12	0.75	1.198	4.4	0.3	1.625	1.275	0.309	0.448	1.225	4.04
00620p NITRATE NITROGEN, TOTAL (MG/L AS N)	07/05/67-05/16/91	12	4.46	5.911	16.02	1.22	25.04	5.004	1.322	1.683	9.73	15.336
00900p HARDNESS, TOTAL (MG/L AS CaCO3)	07/05/67-05/16/91	12	209.5	207.5	251.	160.	909.727	30.162	163	186.	238.5	250.1
00916p CALCIUM, TOTAL (MG/L AS Ca)	07/05/67-05/16/91	12	48.4	47.2	59.3	33.6	79.489	8.916	33.78	38.975	55.025	59.24
00927p MAGNESIUM, TOTAL (MG/L AS MG)	07/05/67-05/16/91	12	21.5	21.792	25.5	18.1	5.894	2.428	18.19	20.05	24.075	25.38
00929p SODIUM, TOTAL (MG/L AS Na)	07/05/67-05/16/91	12	127.5	126.167	140.	105.	112.333	10.599	108.	118.25	135.	139.1
00937p POTASSIUM, TOTAL MG/L AS K)	07/05/67-05/16/91	12	12.85	12.885	15.2	9.72	2.328	1.526	10.224	11.925	14.3	14.99
00940p CHLORIDE,TOTAL IN WATER MG/L	07/05/67-05/16/91	12	147.	148.833	174.	128.	262.152	16.191	128.3	131.5	164.	171.
00945p SULFATE, TOTAL (MG/L AS SO4)	07/05/67-05/16/91	12	154.5	149.25	170.	108.	378.75	19.462	114.9	134.25	167.	169.4
31503p COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	07/05/67-05/16/91	12	3950.	23258.333	140000.	1300.	1822582651.515	42691.716	1600.	3075.	18750.	121700.
31503p LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	07/05/67-05/16/91	12	3.591	3.868	5.146	3.114	0.392	0.626	3.188	3.487	4.245	5.072
31503p GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			7377.064								
31616p FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/70-05/16/91	12	600.	4685.833	30000.	130.	85767626.515	9261.081	181.	330.	3025.	26100.
31616p LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/70-05/16/91	12	2.772	3.034	4.477	2.114	0.527	0.726	2.223	2.519	3.474	4.403
31616p GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1082.423								
31673p FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/01/68-05/16/91	12	495.	2065.833	18000.	300.	25333244.697	5033.214	300.	330.	797.5	13110.
31673p LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/01/68-05/16/91	12	2.695	2.852	4.255	2.477	0.246	0.496	2.477	2.519	2.902	3.948
31673p GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			711.659								
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/02/77-05/16/91	12	630.5	641.667	736.	581.	1825.879	42.73	589.1	617.	652.5	727.6
70507p PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	11/06/68-05/16/91	11	3.62	3.478	4.6	1.2	0.985	0.993	1.458	2.8	4.36	4.558
71850p NITRATE NITROGEN,TOTAL (MG/L AS NO3)	07/05/67-01/24/91	12	19.75	26.158	70.9	5.4	490.339	22.144	5.85	7.45	43.05	67.87

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1991 - Station SAMO0002

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/05/67-05/16/91	5	50.	52.4	60.	48.	22.8	4.775	**	**	**	**
00095p SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/05/67-05/16/91	5	1230.	1263.2	1580.	1056.	46489.2	215.614	**	**	**	**
00310p BOD, 5 DAY, 20 DEG C MG/L	07/05/67-04/17/91	2	4.15	4.15	5.1	3.2	1.805	1.344	**	**	**	**
00403p PH, LAB, STANDARD UNITS SU	07/05/67-05/16/91	5	7.9	7.78	8.1	7.3	0.092	0.303	**	**	**	**
00403p CONVERTED PH, LAB, STANDARD UNITS	07/05/67-05/16/91	5	7.9	7.685	8.1	7.3	0.103	0.321	**	**	**	**
00403p MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/05/67-05/16/91	5	0.013	0.021	0.05	0.008	0.	0.017	**	**	**	**
00440p BICARBONATE ION (MG/L AS HCO3)	07/05/67-05/16/91	5	188.	181.	227.	125.	1381.5	37.169	**	**	**	**
00608 NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/03/79-05/16/91	5	12.	12.02	24.1	1.2	70.747	8.411	**	**	**	**
00615 NITRITE NITROGEN, TOTAL (MG/L AS N)	01/08/80-05/16/91	5	1.4	1.26	2.2	0.4	0.568	0.754	**	**	**	**
00620p NITRATE NITROGEN, TOTAL (MG/L AS N)	07/05/67-05/16/91	5	1.06	4.422	10.96	0.63	25.315	5.031	**	**	**	**
00900p HARDNESS, TOTAL (MG/L AS CaCO3)	07/05/67-05/16/91	5	248.	323.8	526.	143.	31449.7	177.341	**	**	**	**
00916p CALCIUM, TOTAL (MG/L AS Ca)	07/05/67-05/16/91	5	62.8	77.84	132.	33.5	1782.493	42.22	**	**	**	**
00927p MAGNESIUM, TOTAL (MG/L AS MG)	07/05/67-05/16/91	5	22.1	31.4	59.8	14.4	358.225	18.927	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

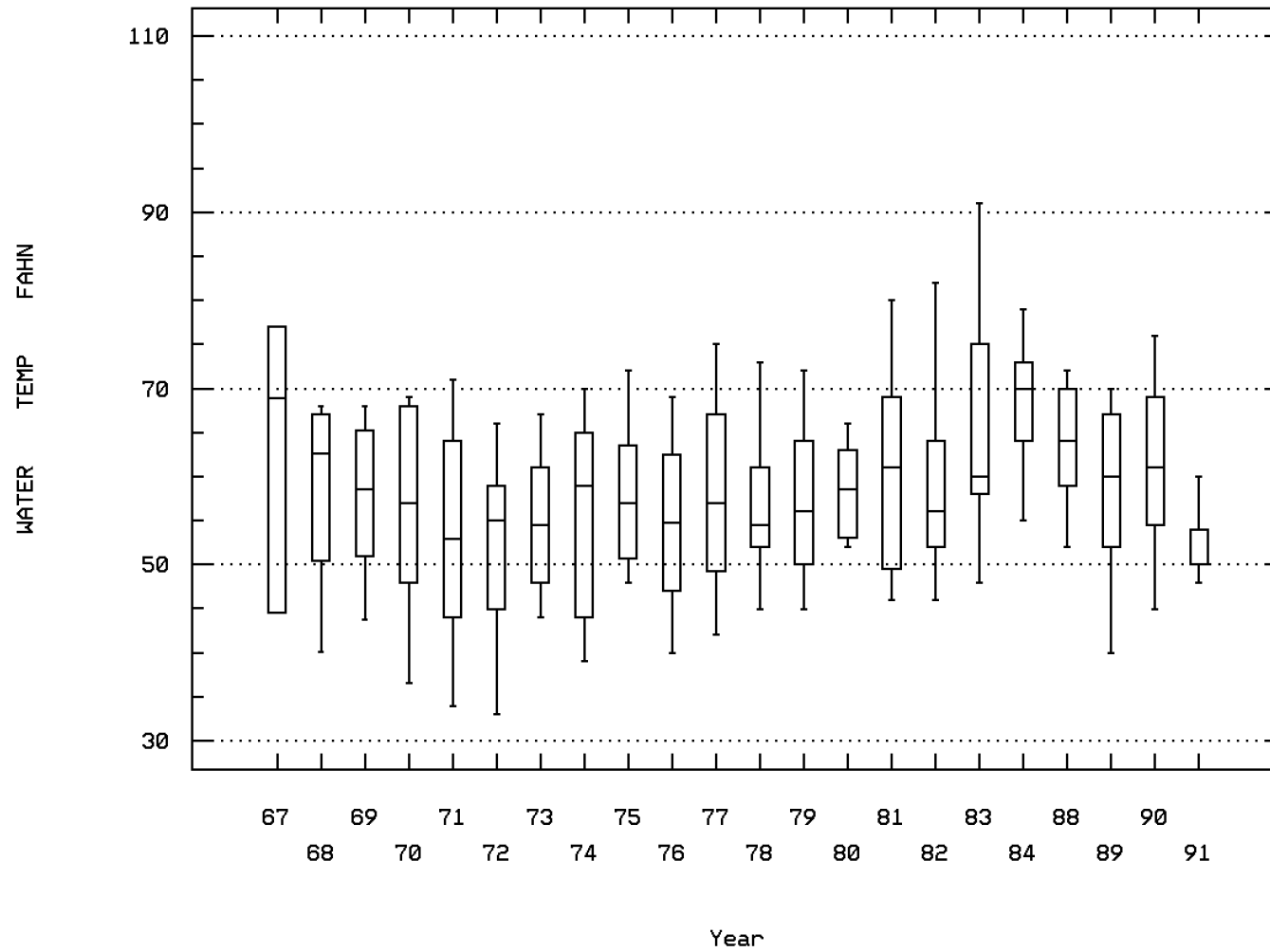
### Annual Analysis for 1991 - Station SAMO0002

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00929p SODIUM, TOTAL (MG/L AS NA)	07/05/67-05/16/91	5	132.	128.	144.	110.	262.	16.186	**	**	**	**
00937p POTASSIUM, TOTAL MG/L AS K)	07/05/67-05/16/91	5	14.5	13.29	20.2	6.8	28.693	5.357	**	**	**	**
00940p CHLORIDE, TOTAL IN WATER MG/L	07/05/67-05/16/91	5	128.	124.6	141.	95.	311.3	17.644	**	**	**	**
00945p SULFATE, TOTAL (MG/L AS SO4)	07/05/67-05/16/91	5	226.	262.8	442.	130.	20725.2	143.962	**	**	**	**
31503p COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	07/05/67-05/16/91	4	18000.	134425.	500000.	1700.59473522500.	243871.939	**	**	**	**	**
31503p LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	07/05/67-05/16/91	4	4.238	4.351	5.699	3.23	1.043	1.021	**	**	**	**
31503p GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			22452.904								
31616p FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/70-05/16/91	4	305.	3425.	13000.	90.	40782566.667	6386.123	**	**	**	**
31616p LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/70-05/16/91	4	2.37	2.702	4.114	1.954	0.996	0.998	**	**	**	**
31616p GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			503.66								
31673p FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/01/68-05/16/91	4	800.	20422.5	80000.	90.	1577824691.667	39721.841	**	**	**	**
31673p LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/01/68-05/16/91	4	2.796	3.112	4.903	1.954	1.65	1.285	**	**	**	**
31673p GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			1294.492								
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/02/77-05/16/91	5	686.	766.4	1045.	588.	42392.3	205.894	**	**	**	**
70507p PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	11/06/68-05/16/91	5	4.12	4.064	6.8	1.2	4.168	2.042	**	**	**	**
71850p NITRATE NITROGEN,TOTAL (MG/L AS NO3)	07/05/67-01/24/91	1	4.7	4.7	4.7	4.7	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

Station: SAM00002 Parameter Code: 00011

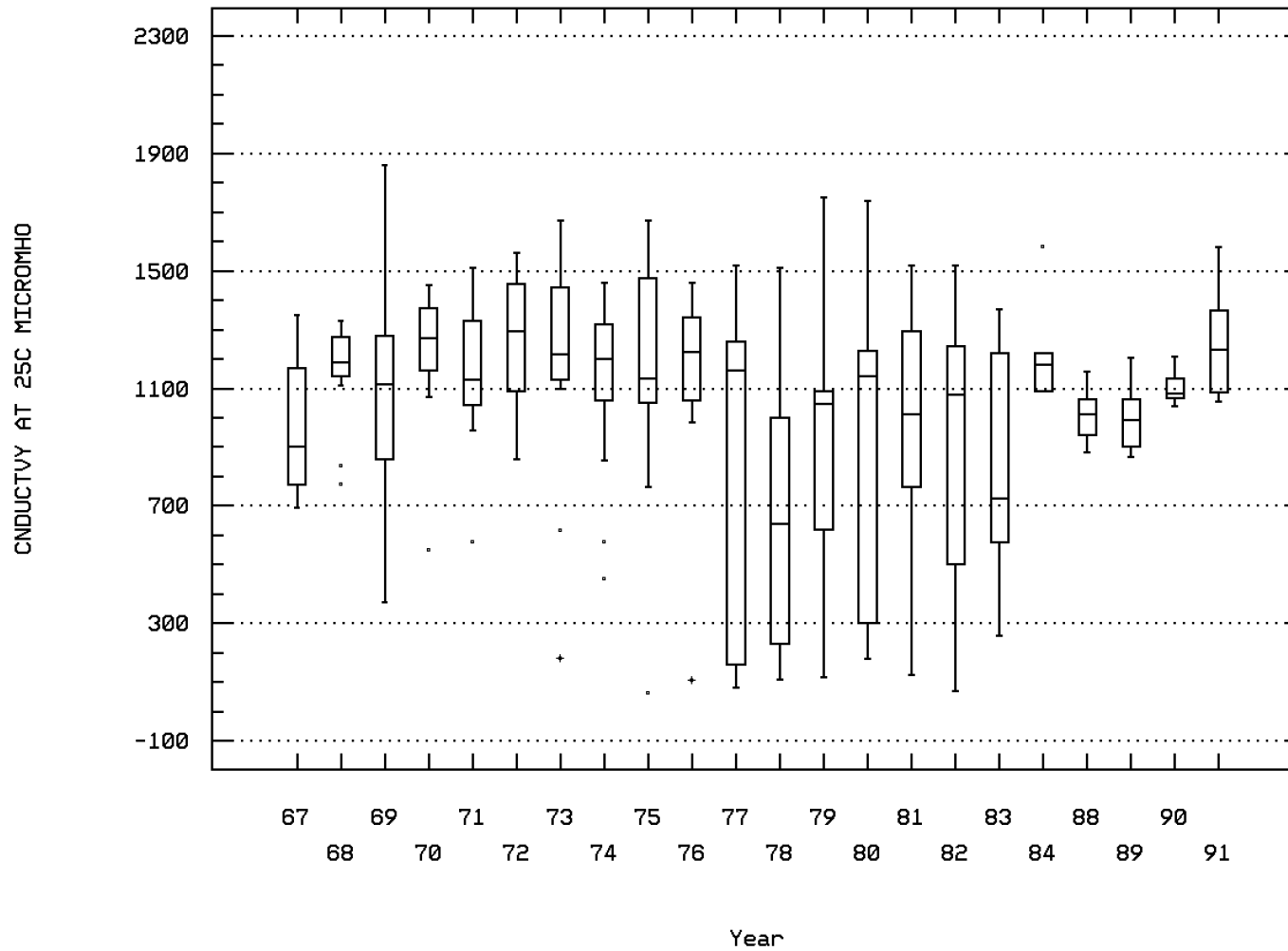
TEMPERATURE, WATER (DEGREES FAHRENHEIT)



LOS ANGELES RIVER @ TUJUNGA

Station: SAM00002 Parameter Code: 00095

SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)

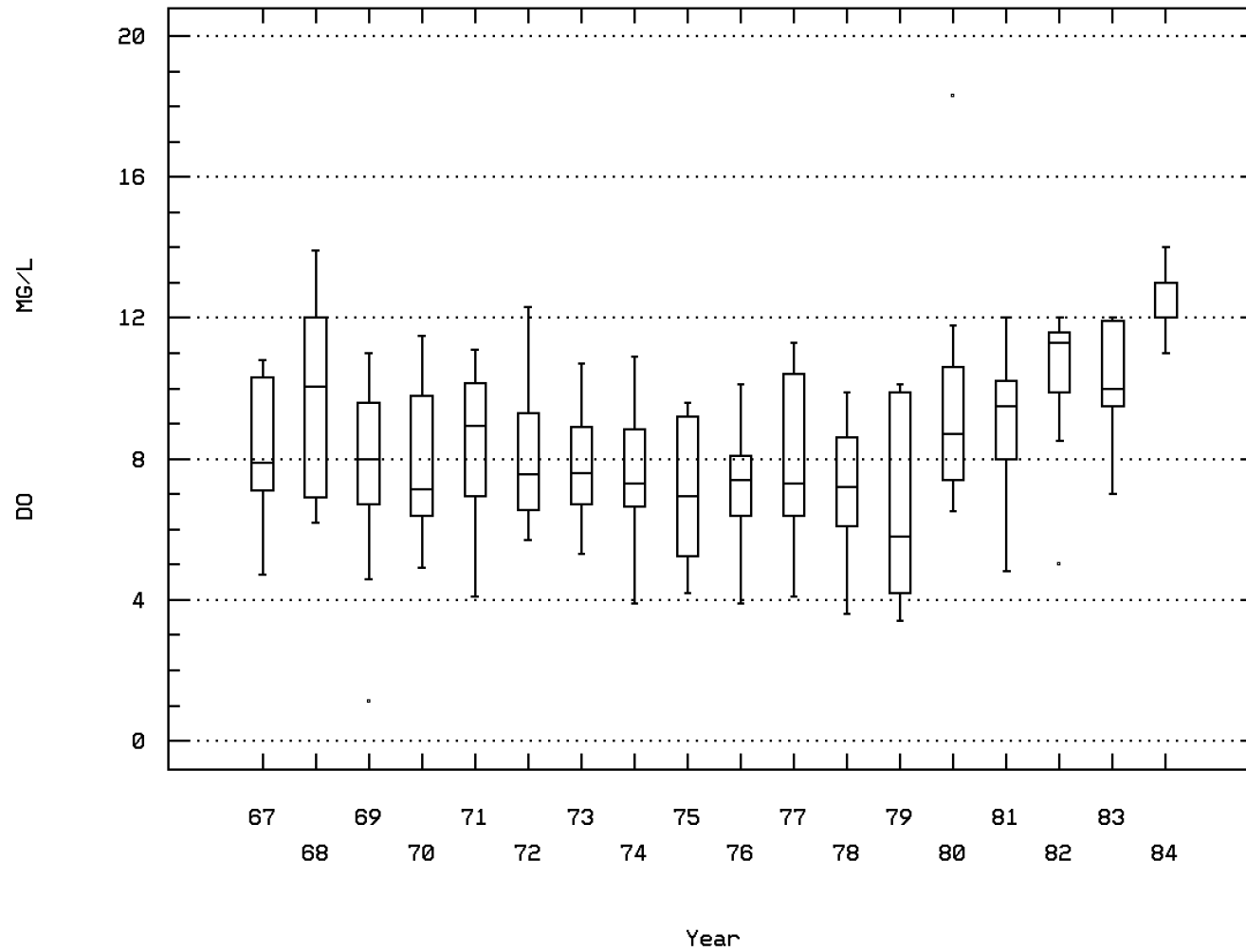


LOS ANGELES RIVER @ TUJUNGA



Station: SAM00002 Parameter Code: 00300

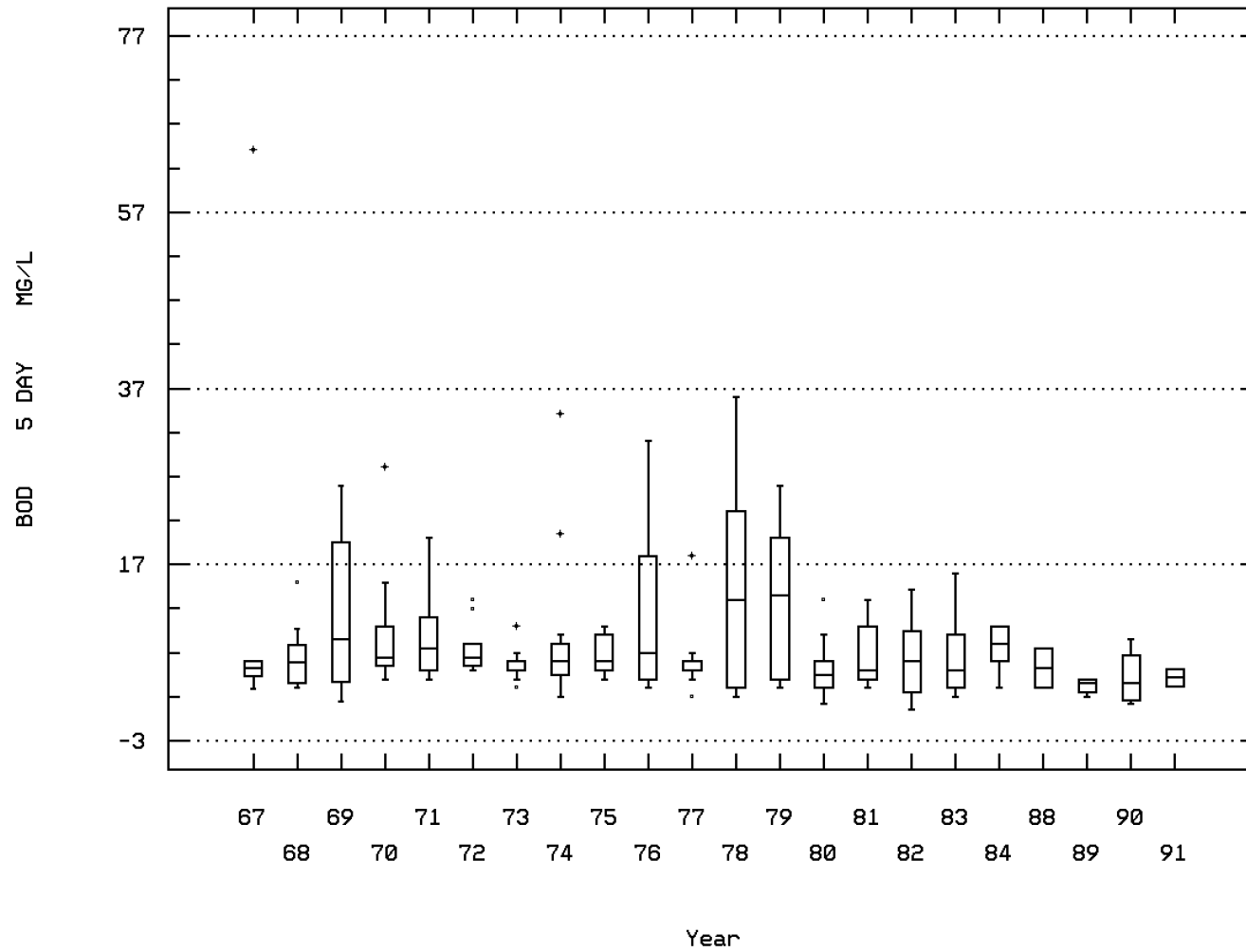
OXYGEN, DISSOLVED



LOS ANGELES RIVER @ TUJUNGA

Station: SAM00002 Parameter Code: 00310

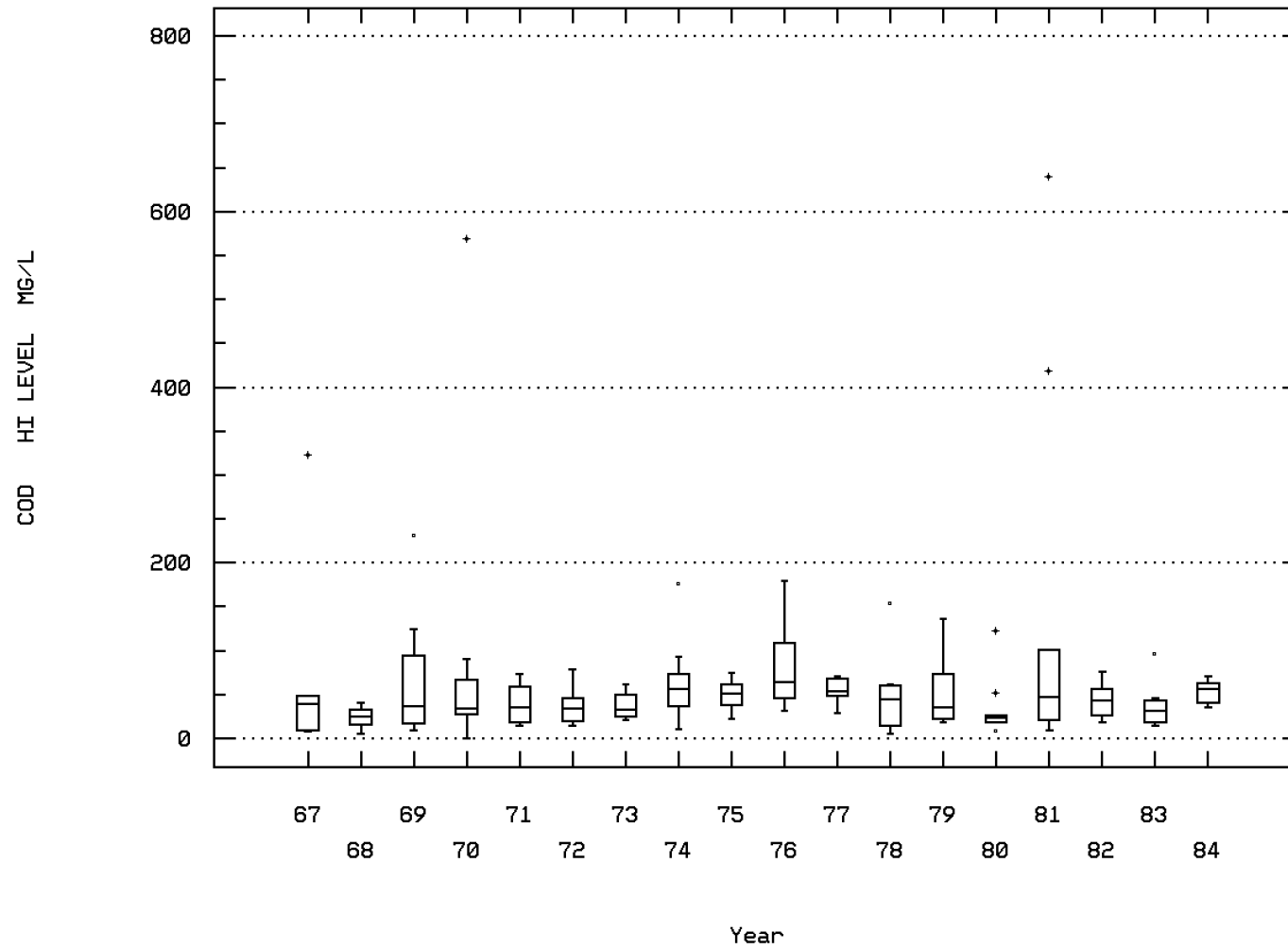
BOD, 5 DAY, 20 DEG C



LOS ANGELES RIVER @ TUJUNGA

Station: SAM00002 Parameter Code: 00340

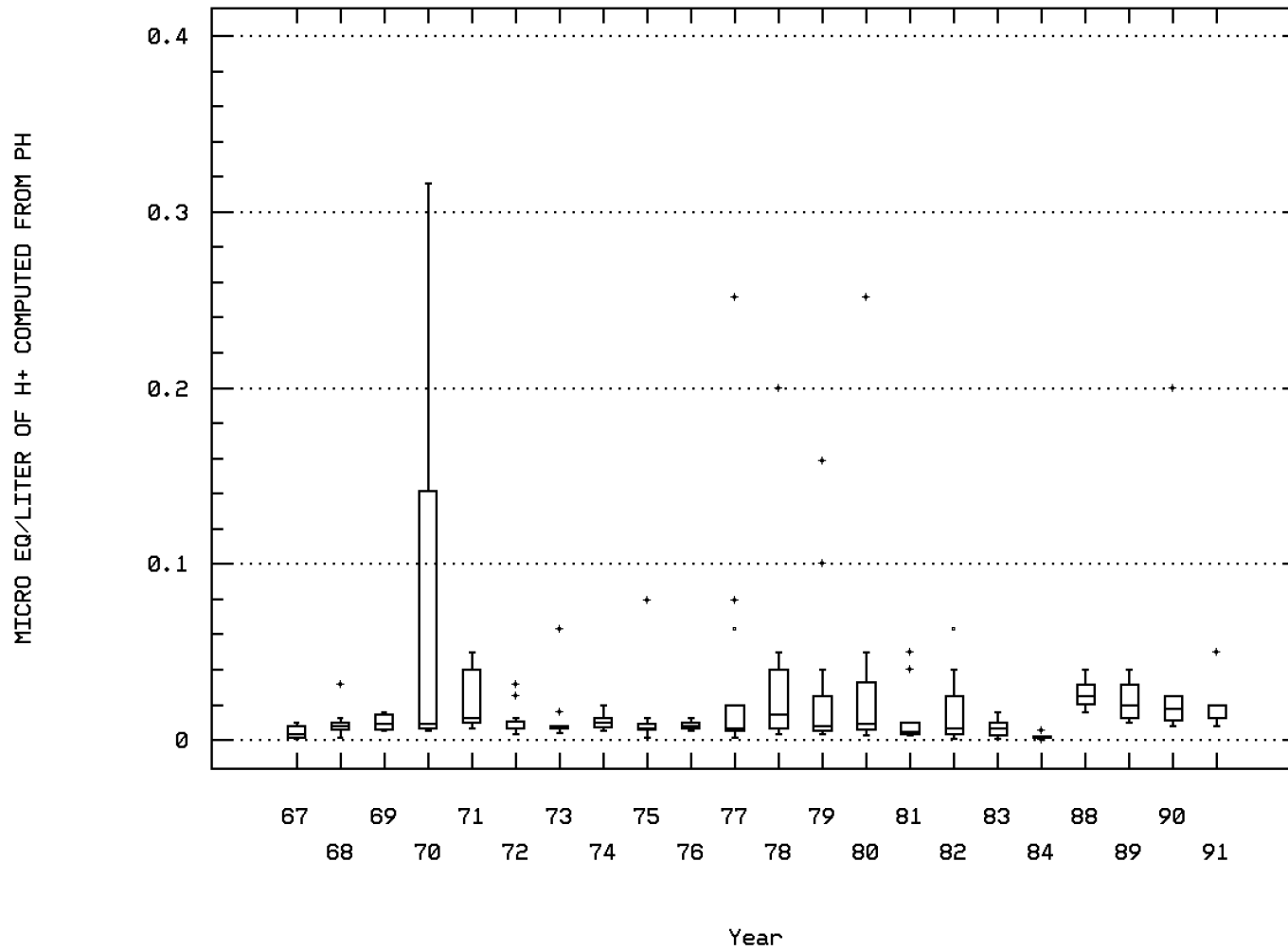
COD, .25N K2CR207



LOS ANGELES RIVER @ TUJUNGA

Station: SAM00002 Parameter Code: 00403

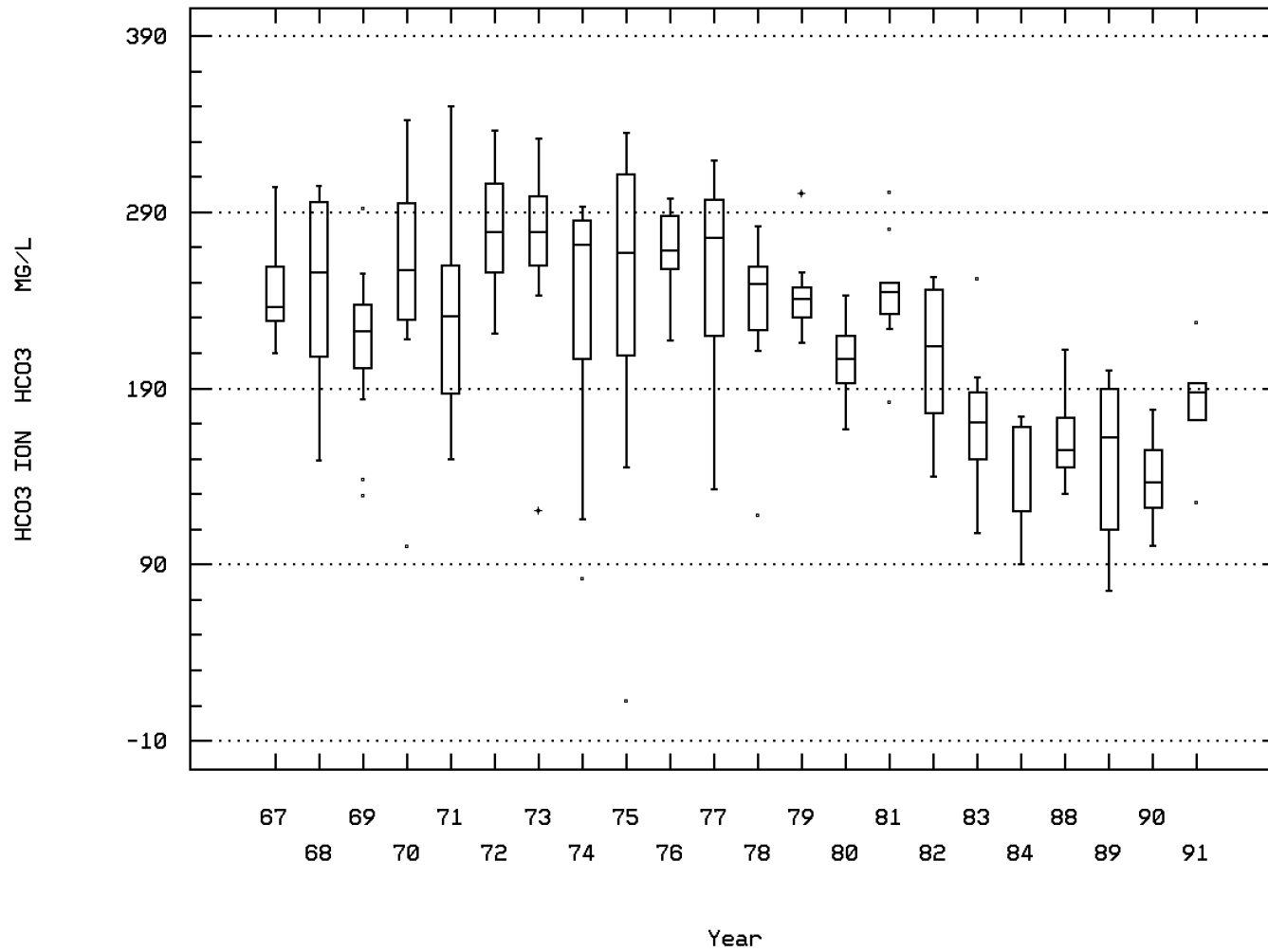
MICRO EQ/LITER OF H+ COMPUTED FROM PH



LOS ANGELES RIVER @ TUJUNGA

Station: SAM00002 Parameter Code: 00440

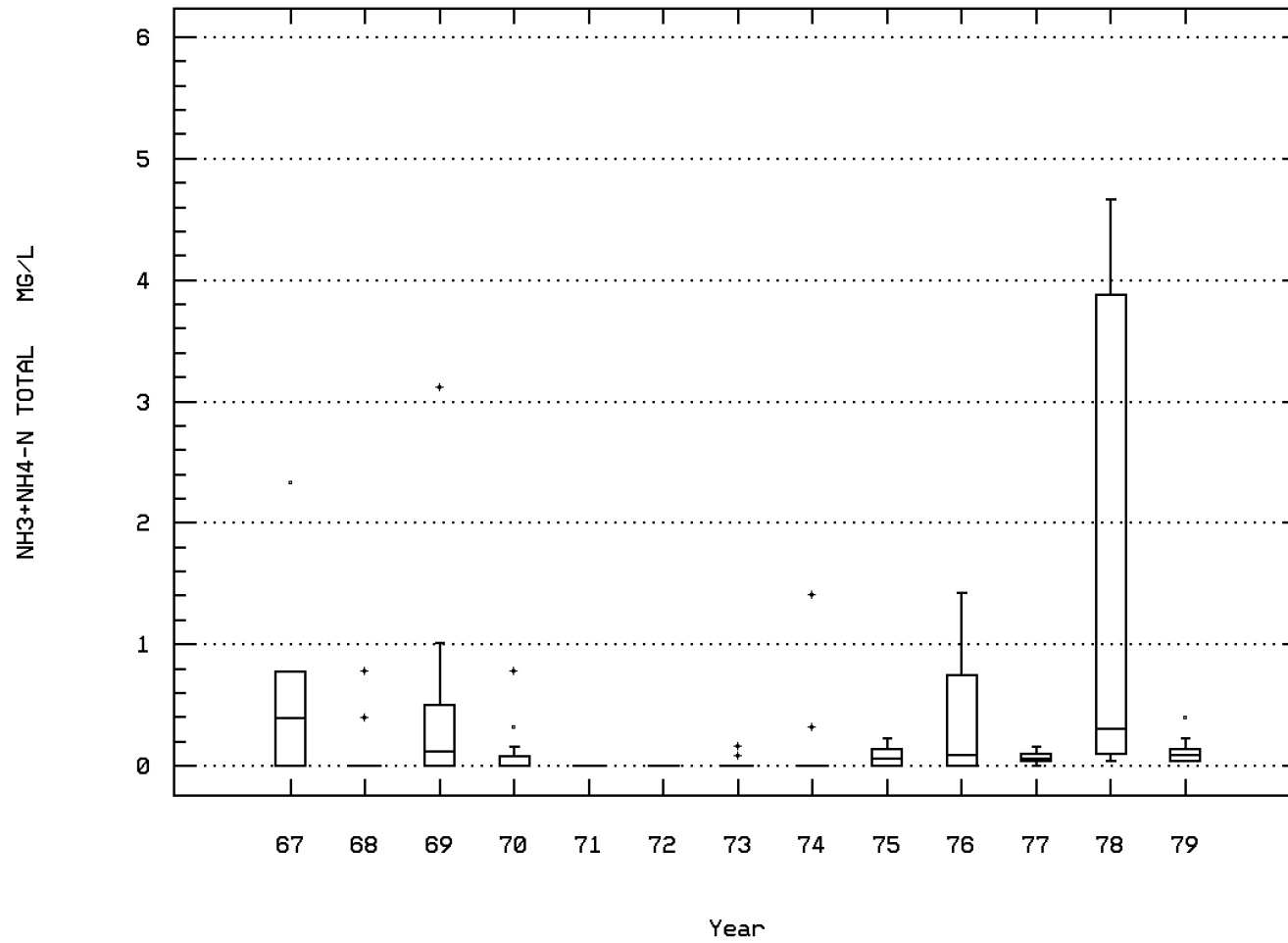
BICARBONATE ION (MG/L AS  $\text{HCO}_3$ )



LOS ANGELES RIVER @ TUJUNGA

Station: SAM00002 Parameter Code: 00610

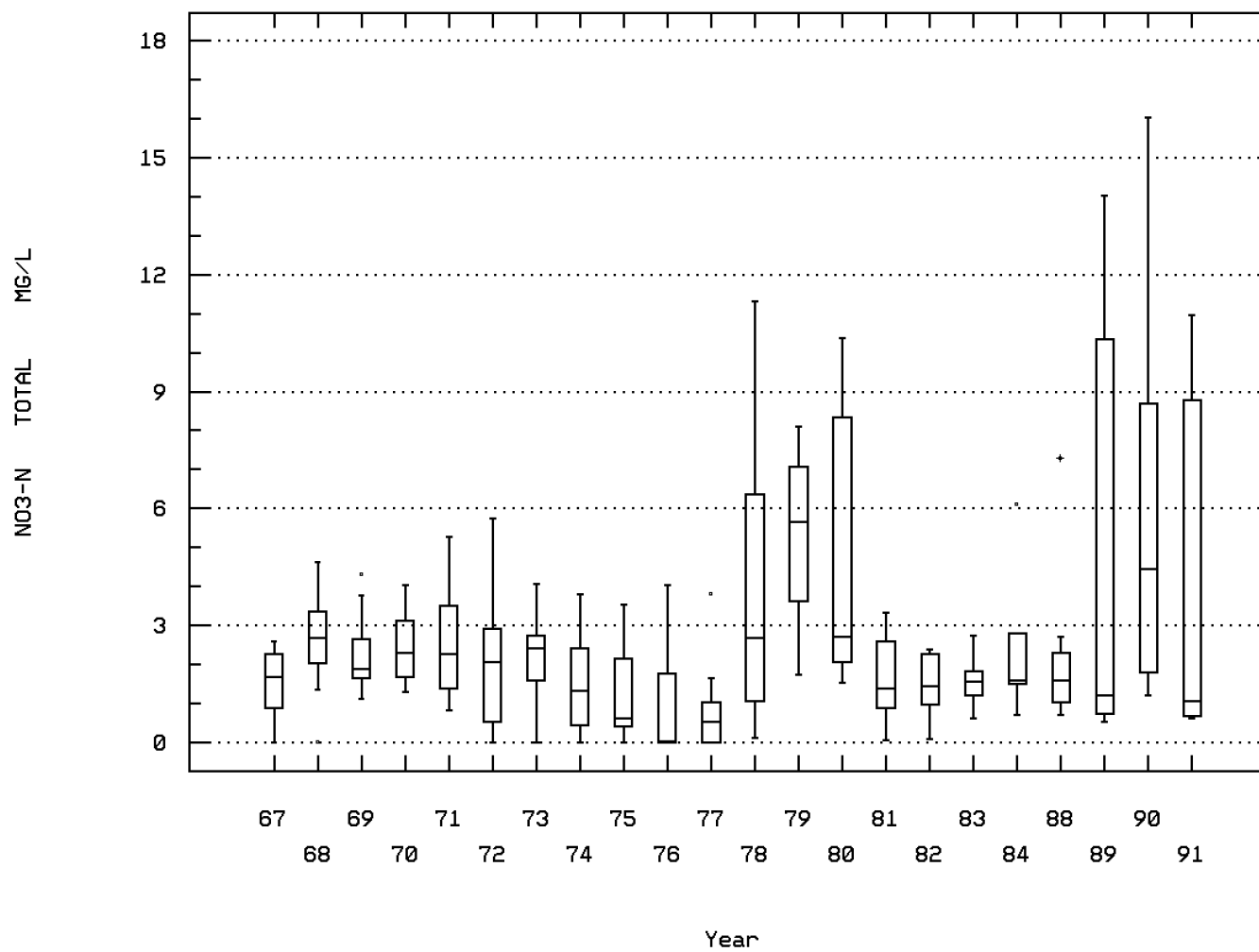
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



LOS ANGELES RIVER @ TUJUNGA

Station: SAM00002 Parameter Code: 00620

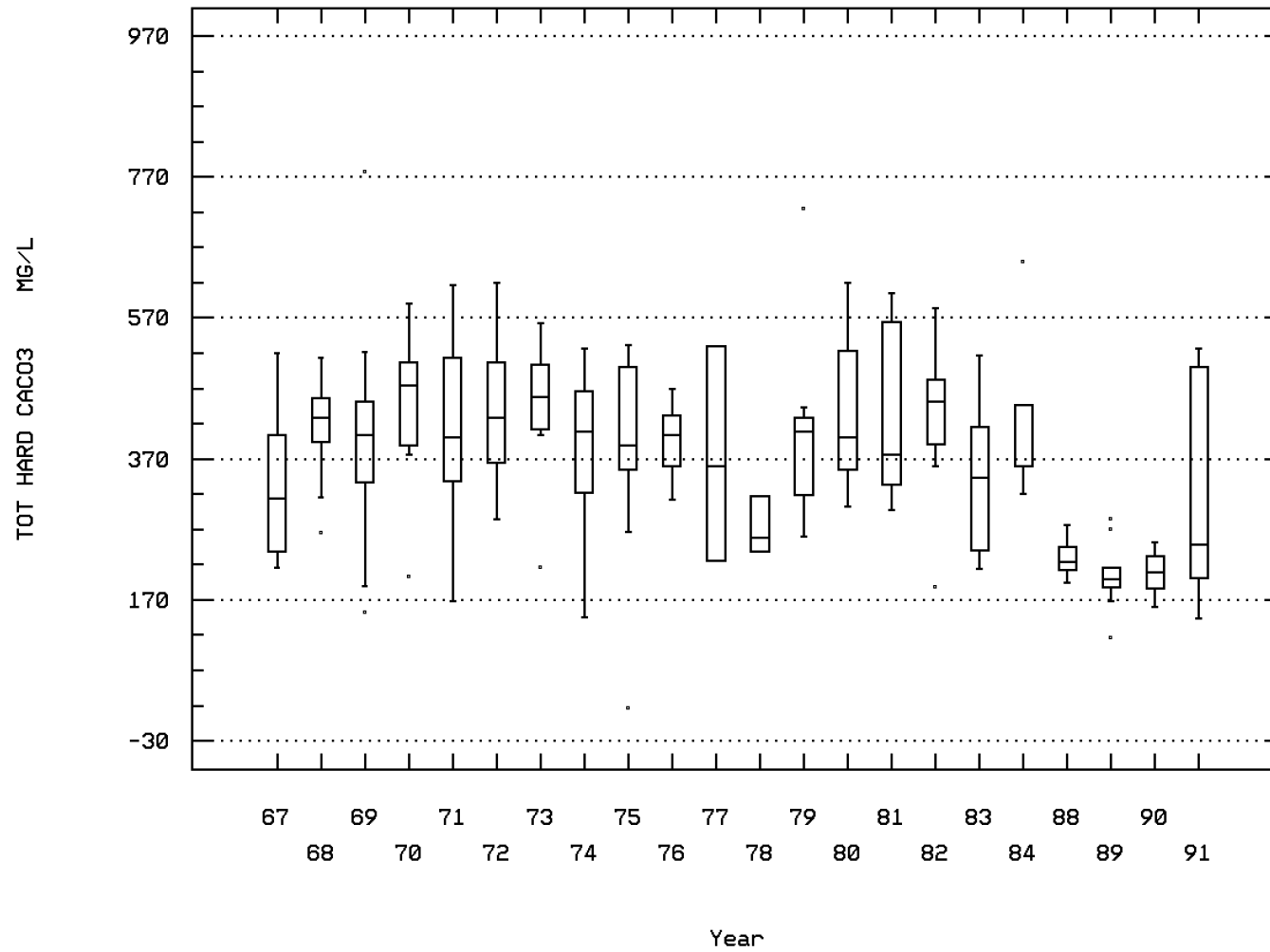
NITRATE NITROGEN, TOTAL (MG/L AS N)



LOS ANGELES RIVER @ TUJUNGA

Station: SAM00002 Parameter Code: 00900

HARDNESS, TOTAL (MG/L AS CaCO3)

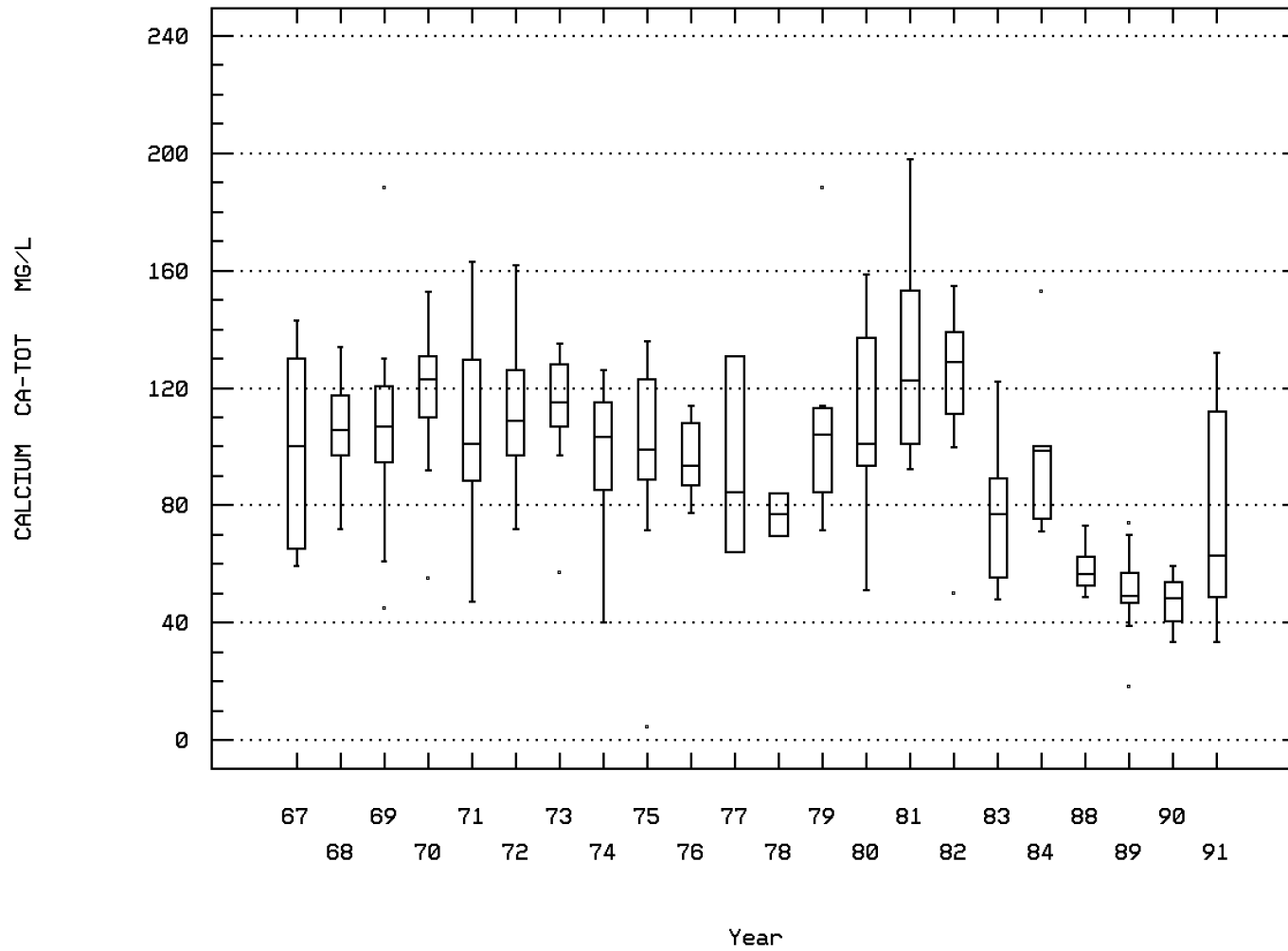


LOS ANGELES RIVER @ TUJUNGA



Station: SAM00002 Parameter Code: 00916

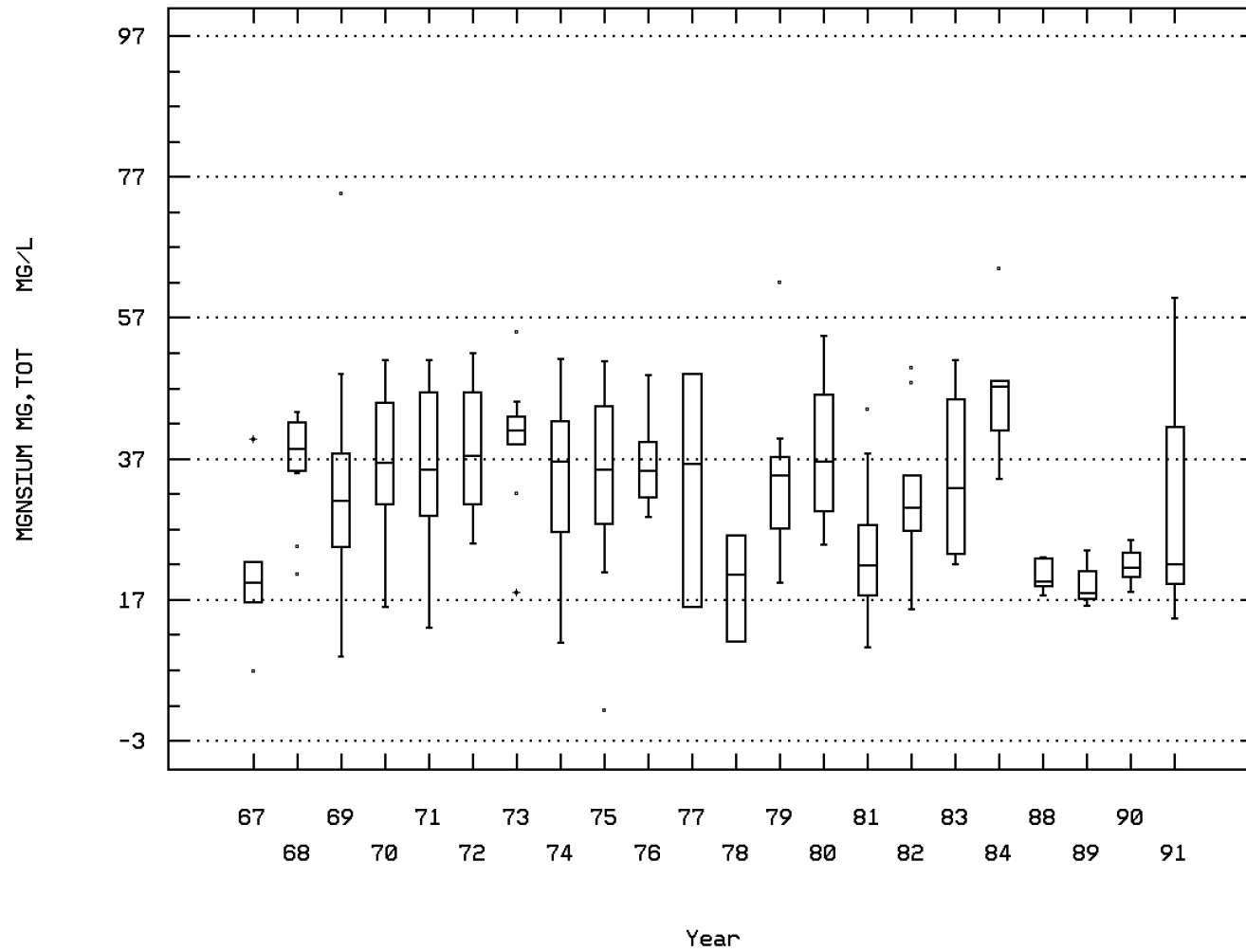
CALCIUM, TOTAL (MG/L AS CA)



LOS ANGELES RIVER @ TUJUNGA

Station: SAM00002 Parameter Code: 00927

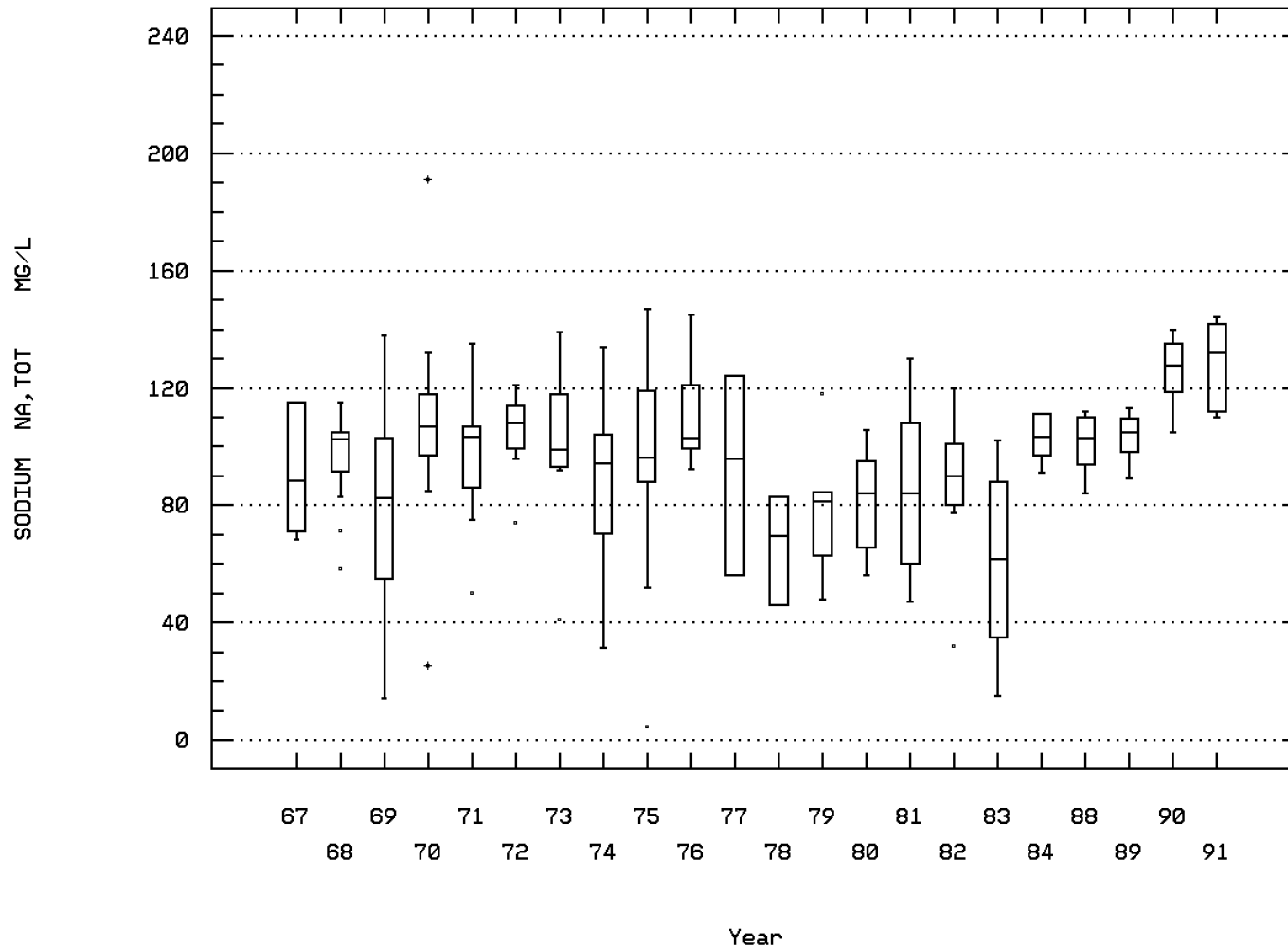
MAGNESIUM, TOTAL (MG/L AS MG)



LOS ANGELES RIVER @ TUJUNGA

Station: SAM00002 Parameter Code: 00929

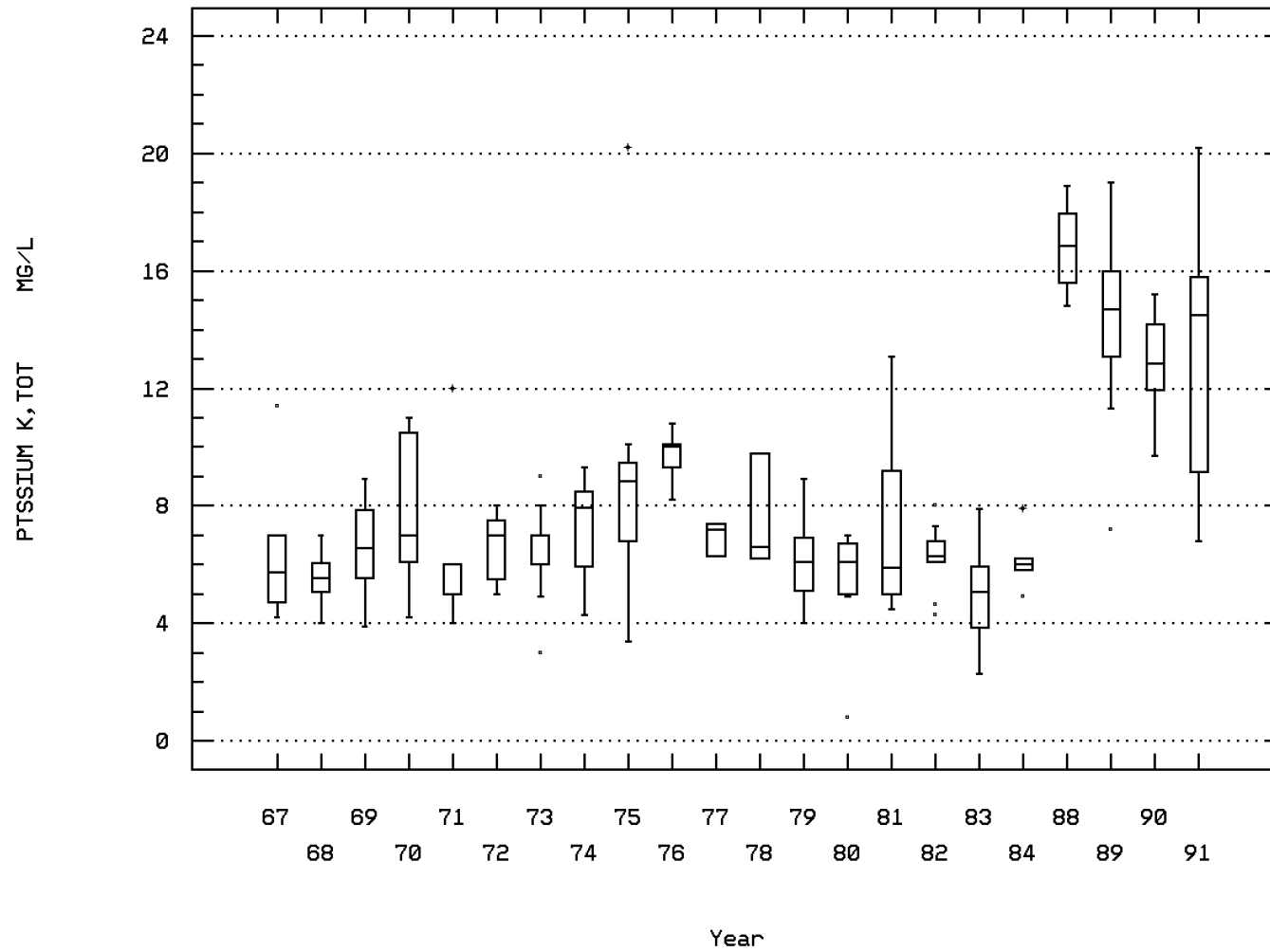
SODIUM, TOTAL (MG/L AS NA)



LOS ANGELES RIVER @ TUJUNGA

Station: SAM00002 Parameter Code: 00937

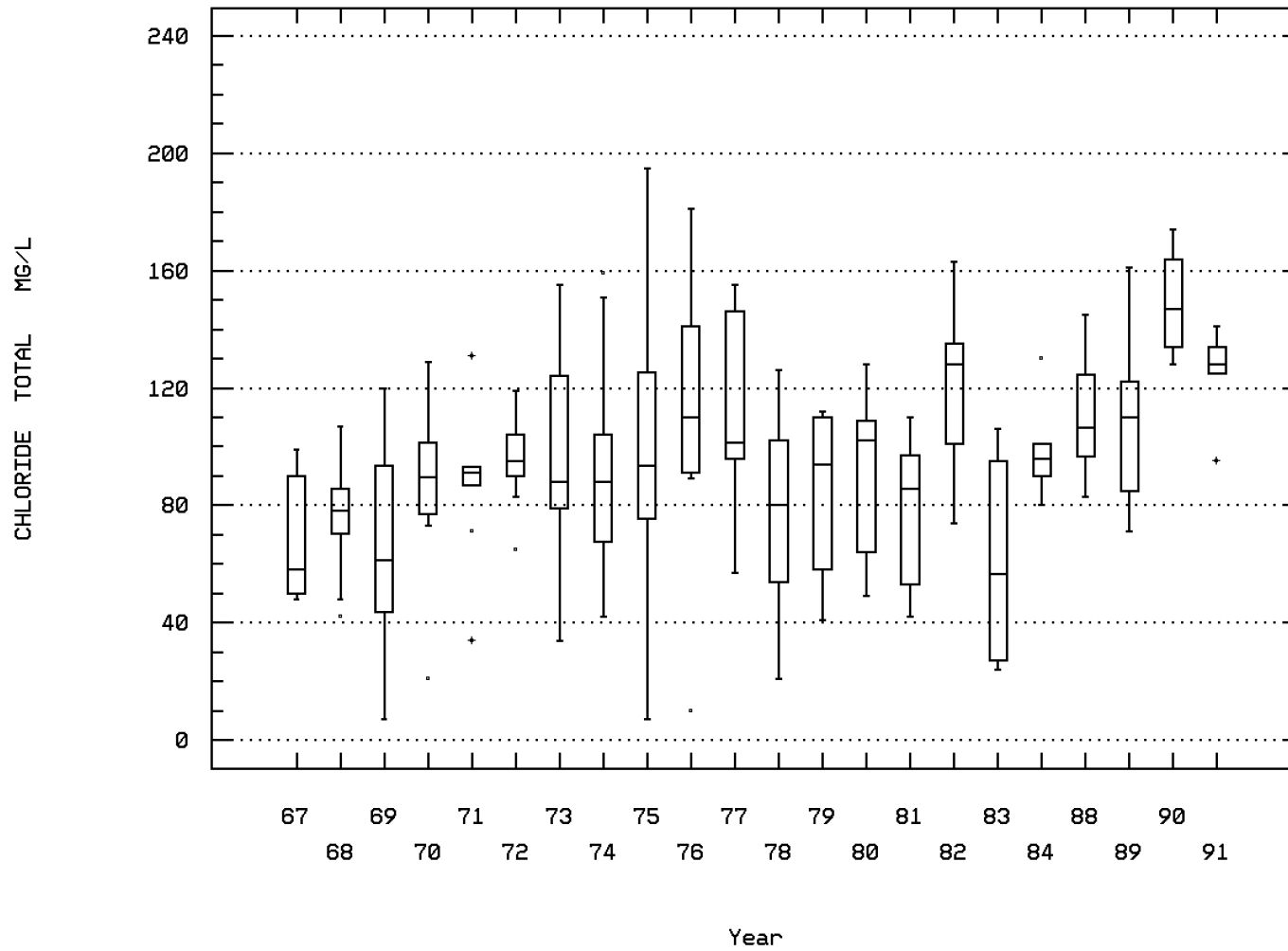
POTASSIUM, TOTAL MG/L AS K)



LOS ANGELES RIVER @ TUJUNGA

Station: SAM00002 Parameter Code: 00940

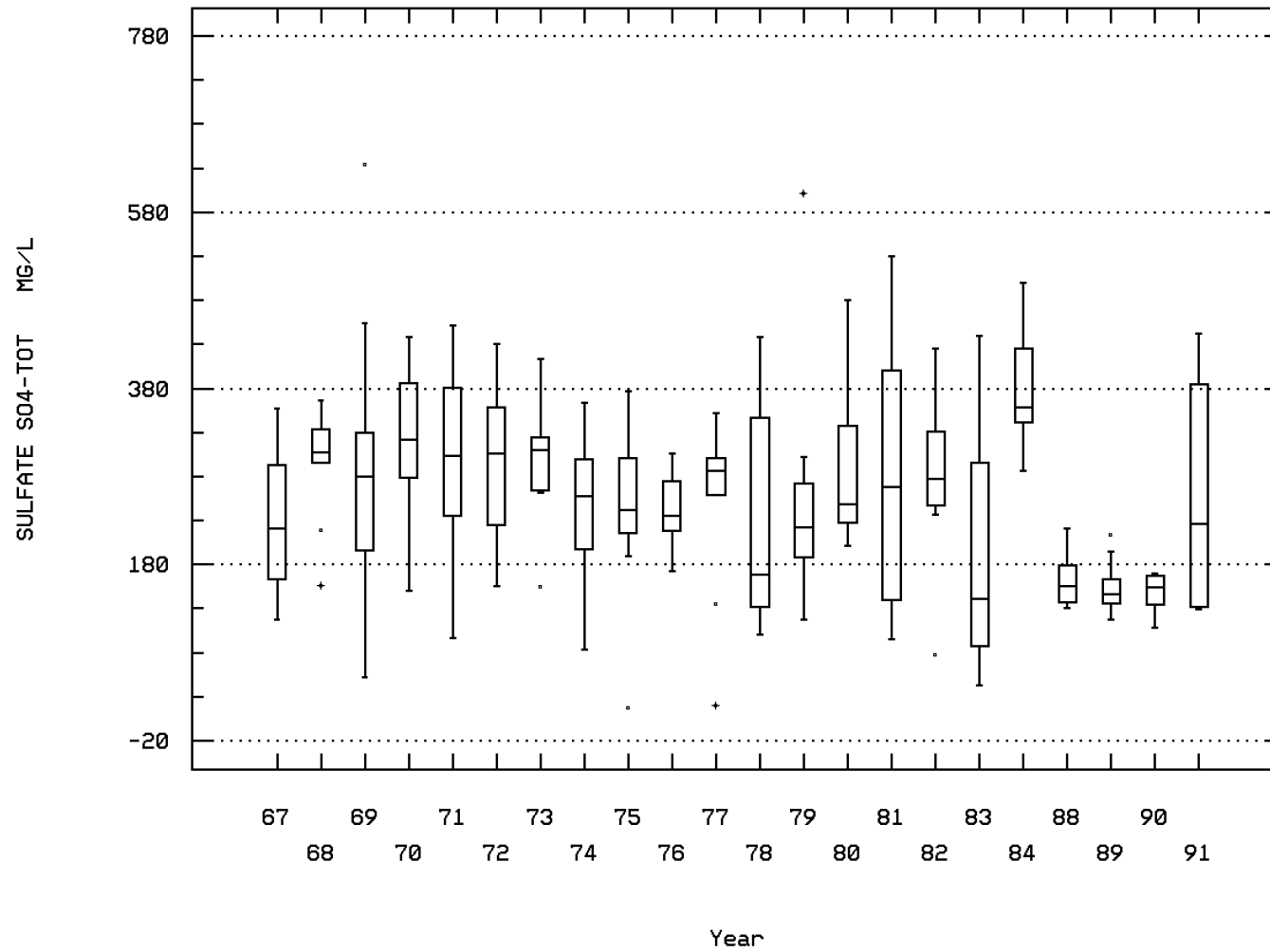
CHLORIDE, TOTAL IN WATER



LOS ANGELES RIVER @ TUJUNGA

Station: SAM00002 Parameter Code: 00945

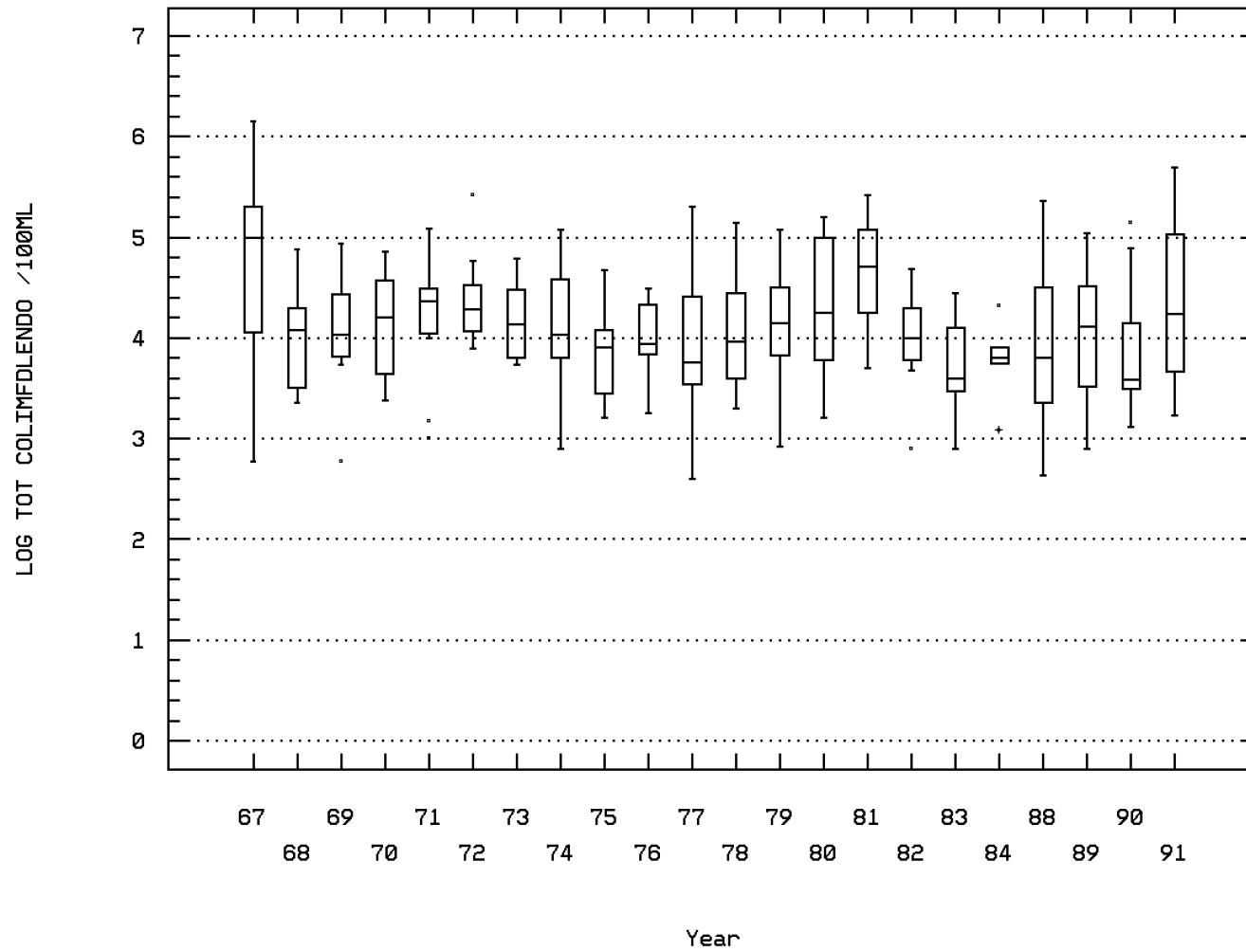
SULFATE, TOTAL (MG/L AS SO<sub>4</sub>)



LOS ANGELES RIVER @ TUJUNGA

Station: SAM00002 Parameter Code: 31503

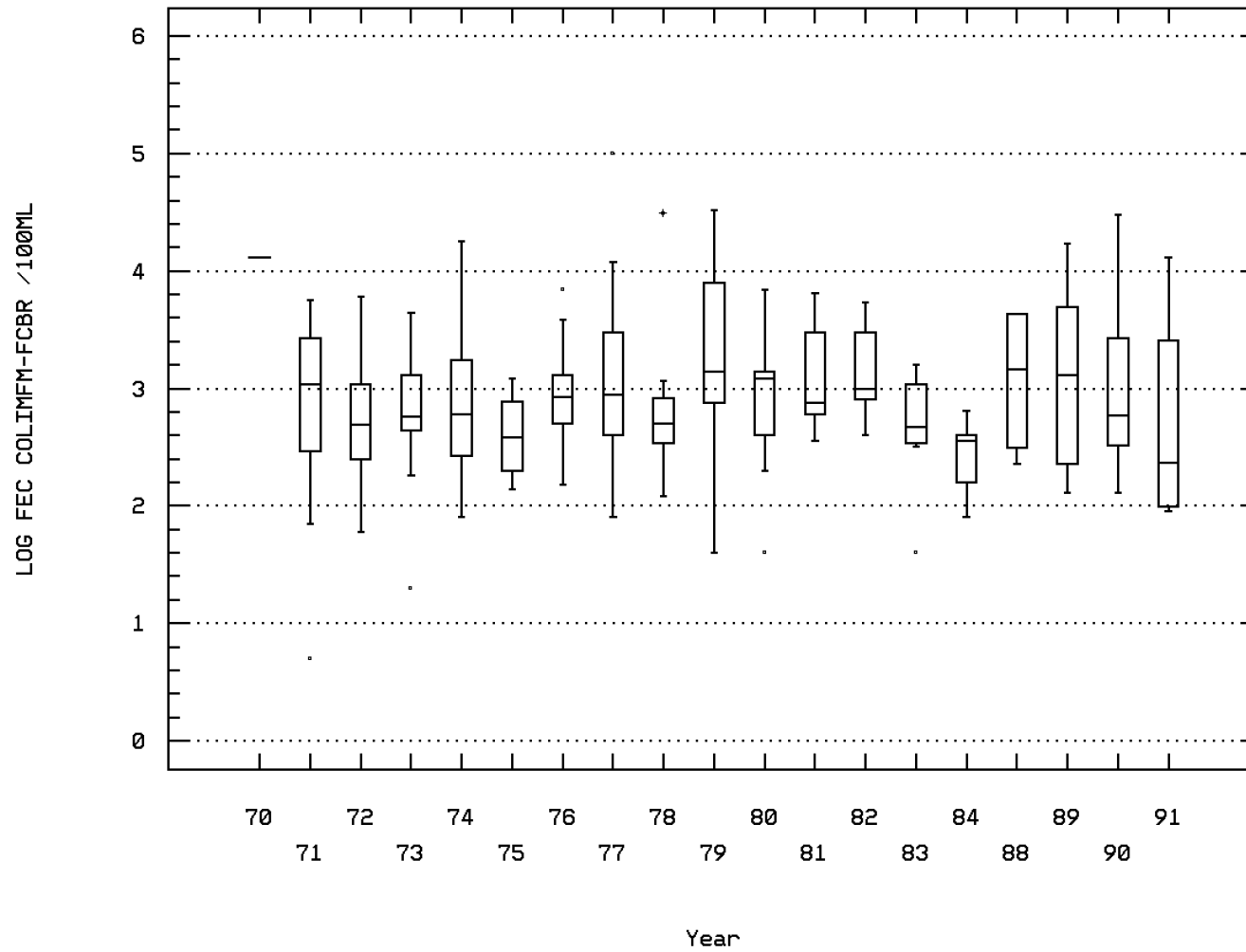
LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M



LOS ANGELES RIVER @ TUJUNGA

Station: SAM00002 Parameter Code: 31616

LOG FECAL COLIFORM, MEMBR FILTER, M-FC BR

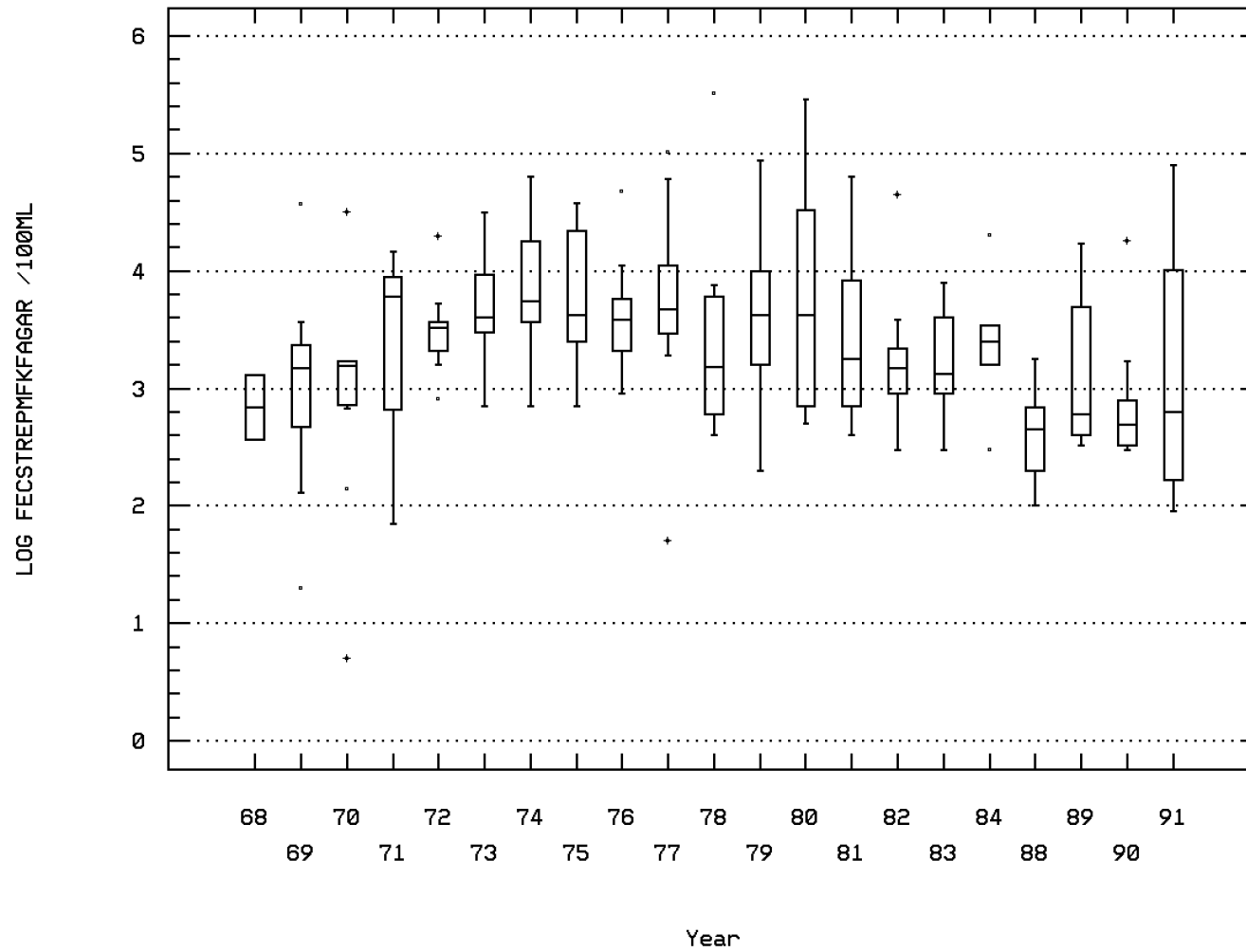


LOS ANGELES RIVER @ TUJUNGA



Station: SAM00002 Parameter Code: 31673

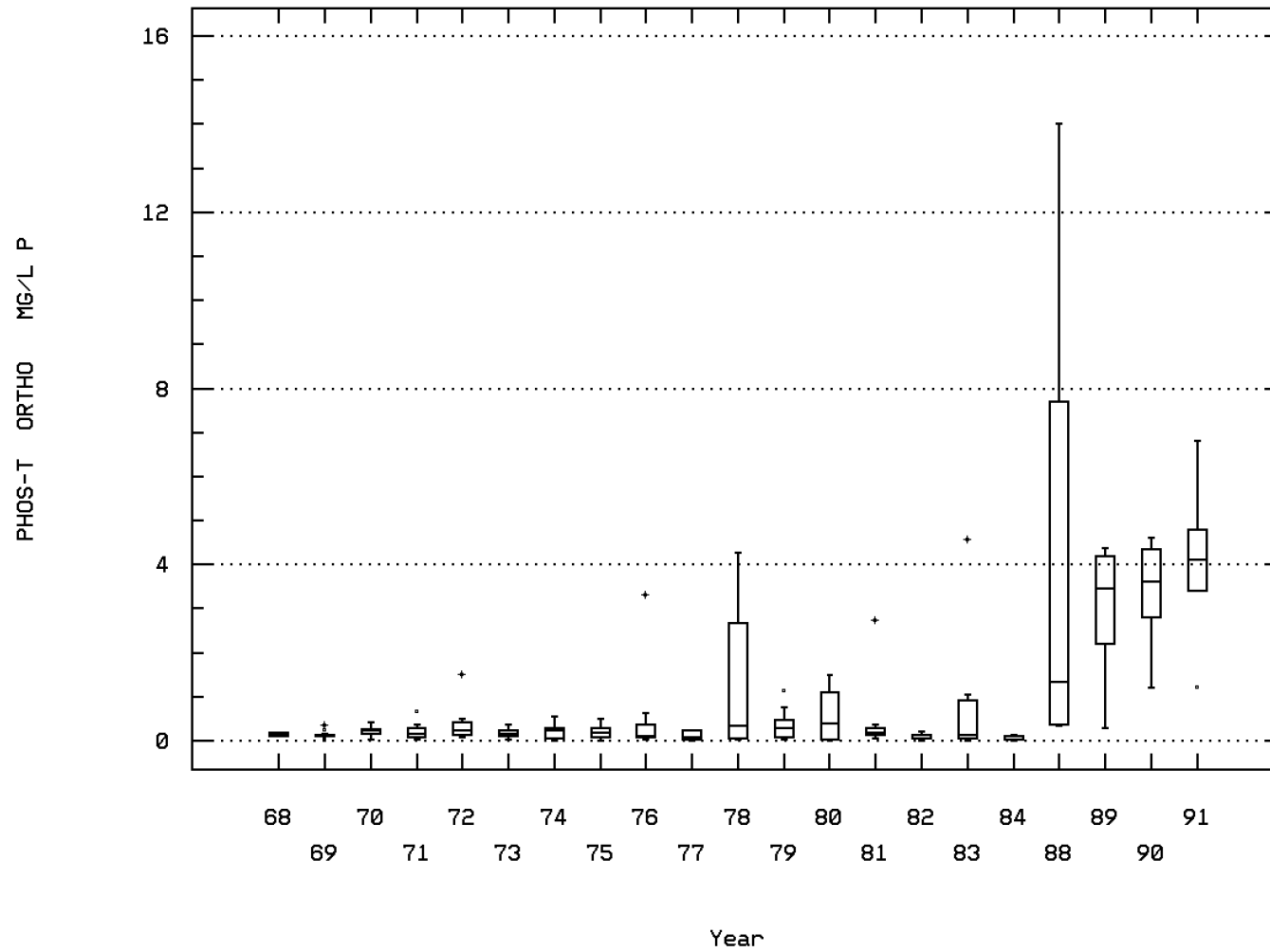
LOG FECAL STREPTOCOCCI, MBR FILT,KF AGA



LOS ANGELES RIVER @ TUJUNGA

Station: SAM00002 Parameter Code: 70507

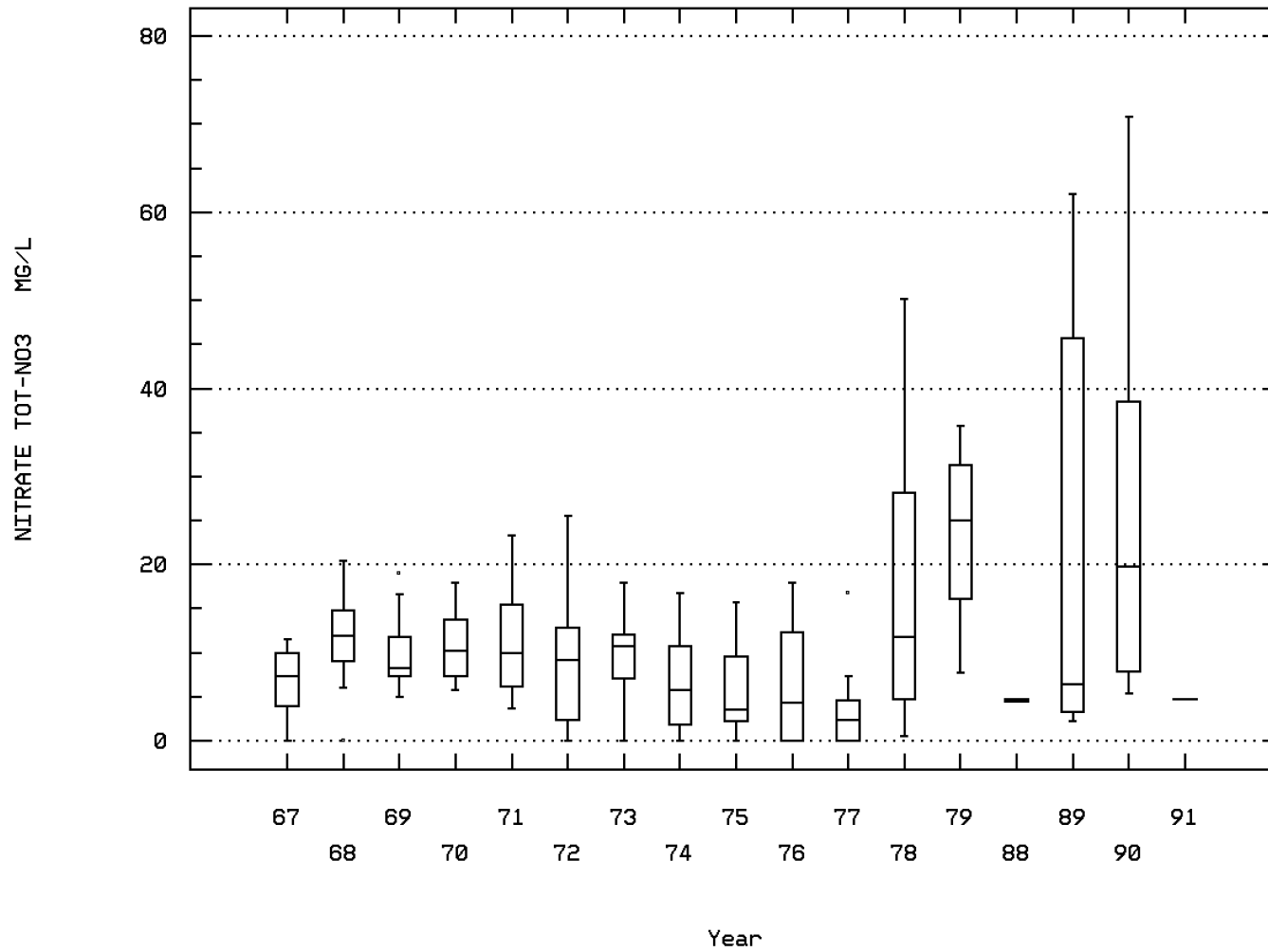
PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/



LOS ANGELES RIVER @ TUJUNGA

Station: SAM00002 Parameter Code: 71850

NITRATE NITROGEN, TOTAL (MG/L AS NO3)



LOS ANGELES RIVER @ TUJUNGA

### Seasonal Analysis for Season #1: 6/01 to 10/31 - Station SAMO0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/05/67-10/07/81	57	18.5	18.668	25.	11.	5.914	2.432	16.	17.1	20.	22.2
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/05/67-05/16/91	87	66.	67.12	91.	51.8	38.089	6.172	61.	63.	70.	75.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/05/67-05/16/91	95	1130.	1115.6	1740.	124.	42904.03	207.133	893.8	1060.	1200.	1290.
00300	OXYGEN, DISSOLVED MG/L	08/03/67-05/09/84	79	6.7	6.804	12.	1.1	5.055	2.248	4.1	5.3	7.7	10.3
00310p	BOD, 5 DAY, 20 DEG C MG/L	07/05/67-04/17/91	86	7.	9.458	64.	1.	74.186	8.613	3.	5.	10.	20.
00340	COD, .25N K2CR2O7 MG/L	07/05/67-05/09/84	80	48.	61.575	418.	0.	3748.577	61.226	24.	36.25	62.	98.8
00403p	PH, LAB, STANDARD UNITS SU	07/05/67-05/16/91	93	8.1	8.032	9.1	6.5	0.224	0.473	7.4	7.9	8.3	8.5
00403p	CONVERTED PH, LAB, STANDARD UNITS	07/05/67-05/16/91	93	8.1	7.667	9.1	6.5	0.358	0.599	7.4	7.9	8.3	8.5
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/05/67-05/16/91	93	0.008	0.022	0.316	0.001	0.002	0.049	0.003	0.005	0.013	0.04
00440p	BICARBONATE ION (MG/L AS HCO3)	07/05/67-05/16/91	89	242.	228.944	335.	75.	3456.485	58.792	139.	181.5	268.5	301.
00445	CARBONATE ION (MG/L AS CO3)	07/05/67-07/06/79	45	0.	0.644	16.	0.	7.598	2.756	0.	0.	0.	0.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/03/79-05/16/91	32	0.42	4.403	18.1	0.005	36.756	6.063	0.069	0.158	10.	14.27
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/05/67-11/02/79	61	0.	0.3	4.12	0.	0.625	0.791	0.	0.	0.16	0.78
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/08/80-05/16/91	31	0.21	0.966	7.68	0.005	2.915	1.707	0.042	0.08	0.76	3.88
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/05/67-05/16/91	92	1.53	2.452	16.02	0.	8.879	2.98	0.	0.638	2.455	7.198
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/04/80-04/17/91	24	12.	14.438	61.3	0.5	168.728	12.99	0.5	7.	17.5	29.9
00900p	HARDNESS, TOTAL (MG/L AS CaCO3)	07/05/67-05/16/91	81	390.	366.753	608.	116.	8983.663	94.782	204.4	342.5	422.5	462.4
00916p	CALCIUM, TOTAL (MG/L AS Ca)	07/05/67-05/16/91	81	100.	95.705	158.5	18.2	765.631	27.67	49.36	85.05	113.	126.52
00927p	MAGNESIUM, TOTAL (MG/L AS MG)	07/05/67-05/16/91	81	33.	30.96	51.5	6.9	90.616	9.519	18.16	22.8	37.75	41.16
00929p	SODIUM, TOTAL (MG/L AS Na)	07/05/67-05/16/91	81	97.	100.075	191.	45.8	423.024	20.568	78.96	88.	108.	129.8
00937p	POTASSIUM, TOTAL MG/L AS K)	07/05/67-05/16/91	81	8.	8.764	18.1	5.	9.96	3.156	5.92	6.35	10.05	14.48
00940p	CHLORIDE, TOTAL IN WATER MG/L	07/05/67-05/16/91	89	96.	101.292	174.	10.	846.141	29.089	73.	87.5	110.5	145.
00945p	SULFATE, TOTAL (MG/L AS SO4)	07/05/67-05/16/91	89	247.	244.393	530.	19.	6663.309	81.629	135.	190.	295.5	325.
00951	FLUORIDE, TOTAL (MG/L AS F)	12/01/82-05/16/91	17	0.45	0.502	0.96	0.35	0.025	0.16	0.358	0.38	0.6	0.736
01002	ARSENIC, TOTAL (UG/L AS AS)	05/02/77-05/16/91	14	6.	11.714	71.	1.	319.258	17.868	1.75	2.875	11.	46.
01007	BARIUM, TOTAL (UG/L AS Ba)	05/02/77-05/16/91	14	20.	21.286	40.	5.	127.758	11.303	5.	16.25	30.	40.
01027	CADMIUM, TOTAL (UG/L AS Cd)	05/02/77-05/16/91	14 ##	5.	5.071	6.	5.	0.071	0.267	5.	5.	5.	5.5
01034	CHROMIUM, TOTAL (UG/L AS Cr)	05/02/77-05/16/91	14 ##	15.	12.571	30.	5.	59.495	7.713	5.	5.	16.25	25.
01042	COPPER, TOTAL (UG/L AS Cu)	05/02/77-05/16/91	14	10.	15.786	70.	5.	278.643	16.693	5.	5.75	20.	45.
01045	IRON, TOTAL (UG/L AS Fe)	05/02/77-12/12/91	14	190.	280.814	800.	0.4	56439.067	237.569	0.7	105.	440.	685.
01051	LEAD, TOTAL (UG/L AS Pb)	05/02/77-05/16/91	14 ##	5.	9.643	50.	5.	140.247	11.843	5.	5.	10.	30.
01055	MANGANESE, TOTAL (UG/L AS Mn)	05/02/77-05/16/91	14	30.	31.643	60.	5.	268.555	16.388	7.5	20.	40.	60.
01067	NICKEL, TOTAL (UG/L AS Ni)	05/02/77-05/16/91	14 ##	5.	9.714	60.	5.	212.681	14.584	5.	5.	7.	35.
01077	SILVER, TOTAL (UG/L AS Ag)	05/02/77-05/16/91	14 ##	5.	5.071	6.	5.	0.071	0.267	5.	5.	5.	5.5
01092	ZINC, TOTAL (UG/L AS Zn)	05/02/77-05/16/91	14	90.	98.643	230.	30.	2315.016	48.115	40.	67.75	130.	180.
01147	SELENIUM, TOTAL (UG/L AS Se)	05/02/77-05/16/91	14 ##	2.5	2.357	5.	0.5	2.593	1.61	0.75	1.	3.125	5.
31503p	COLIFORM, TOT, MEMBR FILTER, DELAYED, M-ENDO MED, 35 C	07/05/67-05/16/91	92	18000.	53657.717	1420000.	10.23803288699.128	154283.145	2230.	4950.	46000.	120000.	
31503p	LOG COLIFORM, TOT, MEMBR FILTER, DELAYED, M-ENDO MED, 3	07/05/67-05/16/91	92	4.255	4.181	6.152	1.	0.562	0.75	3.348	3.694	4.661	5.079
31503p	GM COLIFORM, TOT, MEMBR FILTER, DELAYED, M-ENDO MED, 35	GEOMETRIC MEAN =			15185.552								
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/07/70-05/16/91	73	1100.	4533.356	100000.	5.	163653893.094	12792.728	200.	420.	3550.	10400.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/07/70-05/16/91	73	3.041	3.061	5.	0.699	0.507	0.712	2.301	2.623	3.549	4.009
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			1150.075								
31673p	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	10/01/68-05/16/91	85	3300.	9945.588	120000.	5.	469784767.507	21674.519	388.	1300.	6400.	20540.
31673p	LOG FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	10/01/68-05/16/91	85	3.519	3.46	5.079	0.699	0.512	0.716	2.589	3.113	3.806	4.312
31673p	GM FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	GEOMETRIC MEAN =			2885.247								
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	05/02/77-12/12/91	14 ##	0.025	0.056	0.25	0.025	0.006	0.08	0.025	0.025	0.025	0.245
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	05/02/77-12/12/91	14 ##	0.05	0.061	0.25	0.025	0.003	0.055	0.025	0.05	0.05	0.15
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	05/02/77-12/12/91	14 ##	0.05	0.061	0.25	0.025	0.003	0.055	0.025	0.05	0.05	0.15
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	05/02/77-12/12/91	14 ##	0.5	0.414	0.5	0.025	0.032	0.178	0.025	0.438	0.5	0.5
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	05/02/77-12/12/91	14 ##	0.025	0.041	0.25	0.025	0.004	0.06	0.025	0.025	0.025	0.138
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	05/02/77-12/12/91	14 ##	0.025	0.041	0.25	0.025	0.004	0.06	0.025	0.025	0.025	0.138
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	05/02/77-12/12/91	14 ##	0.25	0.218	0.25	0.025	0.007	0.082	0.025	0.25	0.25	0.25
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	05/02/77-12/12/91	14 ##	0.5	0.396	0.5	0.025	0.033	0.181	0.025	0.25	0.5	0.5
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	05/02/77-12/12/91	14 ##	0.025	0.041	0.25	0.025	0.004	0.06	0.025	0.025	0.025	0.138
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	05/02/77-05/16/91	47	761.	719.149	1188.	73.	35958.651	189.628	531.2	617.	832.	936.4
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/05/67-07/06/79	45	877.	867.6	1096.	546.	12371.064	111.225	707.	818.	917.5	1018.4
70507p	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	11/06/68-05/16/91	80	0.23	0.961	14.	0.005	3.769	1.941	0.041	0.108	0.663	3.603
71850p	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	07/05/67-01/24/91	69	6.4	10.409	70.9	0.	171.048	13.079	0.	2.6	10.85	30.5
71900	MERCURY, TOTAL (UG/L AS Hg)	04/01/71-05/16/91	14 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

# Seasonal Analysis for Season #2: 11/01 to 2/29 - Station SAMO0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/05/67-10/07/81	53	8.9	8.792	19.5	0.6	14.492	3.807	4.1	6.6	11.65	13.3
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/05/67-05/16/91	88	50.	49.925	69.	33.	50.443	7.102	40.	45.	55.	59.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/05/67-05/16/91	98	1026.	924.602	1580.	80.	191286.881	437.364	186.4	611.75	1280.	1450.
00300	OXYGEN, DISSOLVED MG/L	08/03/67-05/09/84	65	9.9	9.757	18.3	6.3	4.032	2.008	7.26	8.1	10.85	11.88
00310p	BOD, 5 DAY, 20 DEG C MG/L	07/05/67-04/17/91	68	5.	7.072	36.	0.5	39.488	6.284	2.81	3.025	9.	15.3
00340	COD, .25N K2CR2O7 MG/L	07/05/67-05/09/84	63	26.	51.365	639.	5.	10710.397	103.491	12.2	18.	46.	68.2
00403p	PH, LAB, STANDARD UNITS SU	07/05/67-05/16/91	96	8.	7.932	8.9	6.6	0.206	0.454	7.3	7.6	8.2	8.4
00403p	CONVERTED PH, LAB, STANDARD UNITS	07/05/67-05/16/91	96	8.	7.648	8.9	6.6	0.287	0.536	7.3	7.6	8.2	8.4
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/05/67-05/16/91	96	0.01	0.022	0.251	0.001	0.002	0.04	0.004	0.006	0.025	0.05
00440p	BICARBONATE ION (MG/L AS HCO3)	07/05/67-05/16/91	77	230.	228.636	350.	79.	4278.34	65.409	138.	173.5	287.5	313.4
00445	CARBONATE ION (MG/L AS CO3)	07/05/67-07/06/79	39	0.	1.154	23.	0.	19.134	4.374	0.	0.	0.	0.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/03/79-05/16/91	30	0.15	5.755	18.1	0.005	59.233	7.696	0.005	0.048	14.575	17.81
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/05/67-11/02/79	46	0.	0.288	4.66	0.	0.706	0.84	0.	0.	0.13	0.759
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/08/80-05/16/91	26	0.12	0.367	2.2	0.005	0.253	0.503	0.023	0.058	0.5	1.09
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/05/67-05/16/91	75	2.4	2.809	13.74	0.	6.236	2.497	0.726	1.46	3.34	4.796
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/04/80-04/17/91	18	8.9	13.117	82.	0.5	315.996	17.776	4.37	5.5	12.65	24.94
00900p	HARDNESS, TOTAL (MG/L AS CaCO3)	07/05/67-05/16/91	73	379.	377.	649.	143.	17484.222	132.228	196.8	260.	489.5	541.2
00916p	CALCIUM, TOTAL (MG/L AS Ca)	07/05/67-05/16/91	73	96.1	97.666	165.	33.5	1195.717	34.579	49.82	70.85	127.5	140.8
00927p	MAGNESIUM, TOTAL (MG/L AS MG)	07/05/67-05/16/91	73	31.1	32.311	64.	9.	157.021	12.531	17.06	20.75	43.2	49.
00929p	SODIUM, TOTAL (MG/L AS Na)	07/05/67-05/16/91	73	95.8	87.571	135.	24.	665.421	25.796	49.52	70.2	105.	118.2
00937p	POTASSIUM, TOTAL MG/L AS K)	07/05/67-05/16/91	73	6.2	7.789	20.2	2.4	15.975	3.997	4.38	5.	9.2	14.5
00940p	CHLORIDE, TOTAL IN WATER MG/L	07/05/67-05/16/91	77	87.	84.052	160.	15.	926.497	30.438	46.	61.5	101.5	128.2
00945p	SULFATE, TOTAL (MG/L AS SO4)	07/05/67-05/16/91	77	240.	251.182	500.	77.	10806.651	103.955	121.	160.5	326.5	399.2
00951	FLUORIDE, TOTAL (MG/L AS F)	12/01/82-05/16/91	19	0.51	0.567	1.3	0.24	0.044	0.209	0.43	0.46	0.63	0.75
01002	ARSENIC, TOTAL (UG/L AS AS)	05/02/77-05/16/91	10	6.	8.1	18.	2.5	37.378	6.114	2.5	2.875	15.5	17.9
01007	BARIUM, TOTAL (UG/L AS Ba)	05/02/77-05/16/91	10	20.	20.	40.	5.	127.778	11.304	5.	8.75	30.	39.
01027	CADMIUM, TOTAL (UG/L AS Cd)	05/02/77-05/16/91	10 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01034	CHROMIUM, TOTAL (UG/L AS Cr)	05/02/77-05/16/91	10 ##	15.	12.	15.	5.	17.778	4.216	5.	8.75	15.	15.
01042	COPPER, TOTAL (UG/L AS Cu)	05/02/77-05/16/91	10	10.	10.5	20.	5.	30.278	5.503	5.	5.	12.5	20.
01045	IRON, TOTAL (UG/L AS Fe)	05/02/77-12/12/91	13	200.	244.654	1500.	0.5	156385.391	395.456	0.7	4.5	230.	1052.
01051	LEAD, TOTAL (UG/L AS Pb)	05/02/77-05/16/91	10 ##	7.5	25.5	120.	5.	1324.722	36.397	5.	5.	35.	113.
01055	MANGANESE, TOTAL (UG/L AS Mn)	05/02/77-05/16/91	10	30.	31.	40.	20.	76.667	8.756	20.	20.	40.	40.
01067	NICKEL, TOTAL (UG/L AS Ni)	05/02/77-05/16/91	10 ##	5.	10.	20.	5.	50.	7.071	5.	5.	20.	20.
01077	SILVER, TOTAL (UG/L AS Ag)	05/02/77-05/16/91	10 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01092	ZINC, TOTAL (UG/L AS Zn)	05/02/77-05/16/91	10	80.	80.5	130.	5.	1224.722	34.996	9.5	65.	110.	128.
01147	SELENIUM, TOTAL (UG/L AS Se)	05/02/77-05/16/91	10 ##	2.5	2.9	9.	1.	4.878	2.209	1.05	2.25	2.5	8.35
31503p	COLIFORM, TOT, MEMBR FILTER, DELAYED, M-ENDO MED, 35 C	07/05/67-05/16/91	76	11550.	22879.342	200000.	600.	1140569376.895	33772.317	1940.	4900.	24600.	51600.
31503p	LOG COLIFORM, TOT, MEMBR FILTER, DELAYED, M-ENDO MED, 3	07/05/67-05/16/91	76	4.062	4.045	5.301	2.778	0.294	0.542	3.287	3.69	4.391	4.71
31503p	GM COLIFORM, TOT, MEMBR FILTER, DELAYED, M-ENDO MED, 35	GEOMETRIC MEAN =			11095.255								
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/07/70-05/16/91	61	600.	1817.377	31000.	40.	18673349.672	4321.267	132.	290.	1200.	4640.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/07/70-05/16/91	61	2.778	2.818	4.491	1.602	0.33	0.575	2.12	2.462	3.079	3.663
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			657.538								
31673p	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	10/01/68-05/16/91	70	2150.	14731.	320000.	20.	2646128354.058	51440.532	310.	695.	5675.	32320.
31673p	LOG FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	10/01/68-05/16/91	70	3.332	3.377	5.505	1.301	0.562	0.75	2.49	2.842	3.751	4.508
31673p	GM FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	GEOMETRIC MEAN =			2383.067								
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	05/02/77-12/12/91	12 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	05/02/77-12/12/91	12 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	05/02/77-12/12/91	12 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	05/02/77-12/12/91	11 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	05/02/77-12/12/91	12 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	05/02/77-12/12/91	12 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	05/02/77-12/12/91	12 ##	0.25	0.25	0.25	0.25	0.	0.	0.25	0.25	0.25	0.25
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	05/02/77-12/12/91	12 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	05/02/77-12/12/91	12 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	05/02/77-05/16/91	55	593.	523.327	1100.	73.	81751.039	285.921	116.8	227.	736.	900.4
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/05/67-07/06/79	39	962.	884.667	1206.	364.	44978.702	212.082	550.	745.	1037.	1128.
70507p	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	11/06/68-05/16/91	72	0.2	0.813	4.8	0.	1.657	1.287	0.05	0.07	0.693	3.37
71850p	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	07/05/67-01/24/91	56	11.5	13.607	60.8	0.	141.424	11.892	2.85	7.925	15.925	23.61
71900	MERCURY, TOTAL (UG/L AS Hg)	04/01/71-05/16/91	10 ##	0.5	0.55	1.	0.5	0.025	0.158	0.5	0.5	0.5	0.95

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

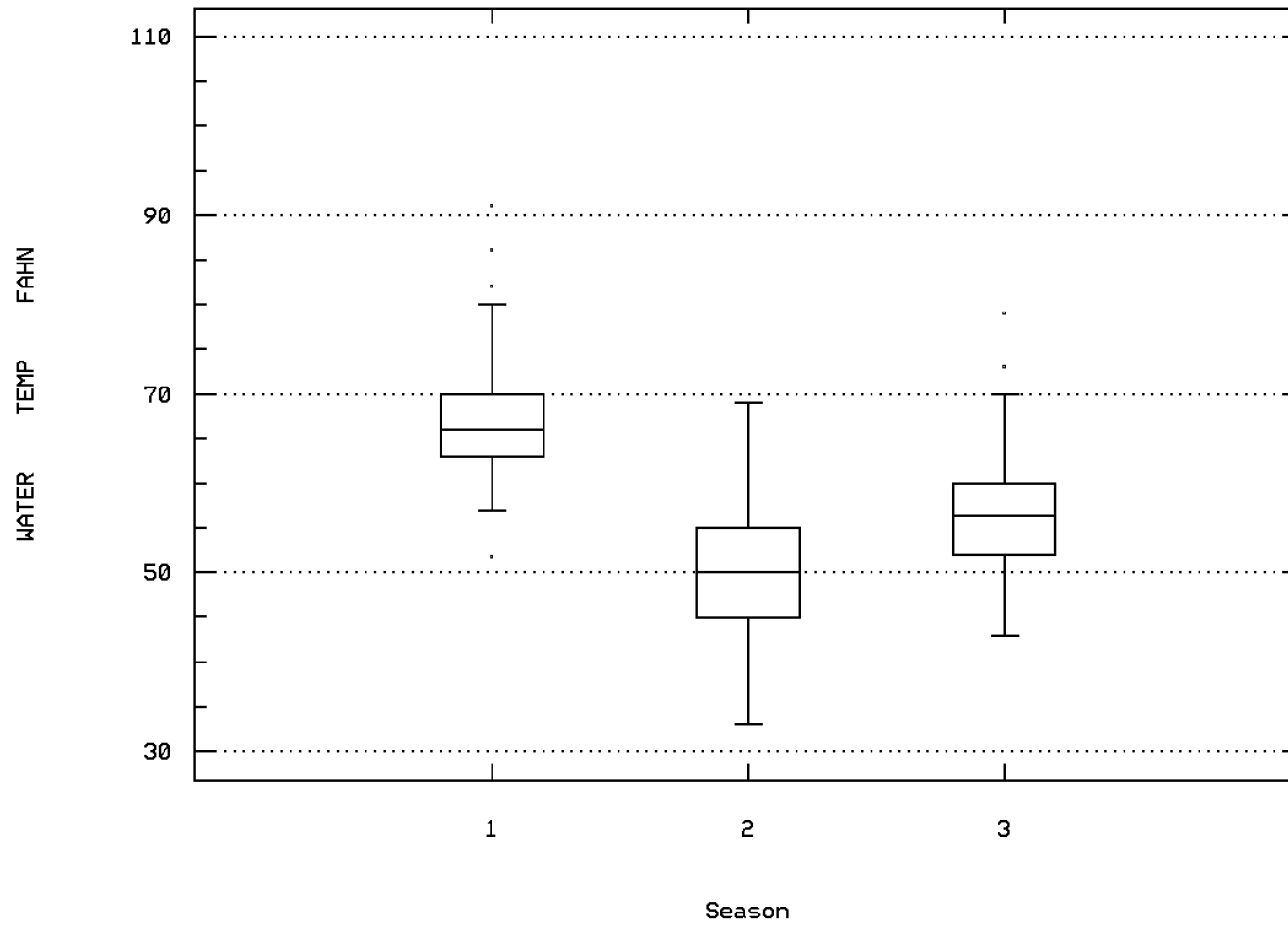
### Seasonal Analysis for Season #3: 3/01 to 5/31 - Station SAMO0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/05/67-10/07/81	34	12.65	12.488	20.	6.1	9.35	3.058	8.9	10.	14.425	15.85
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/05/67-05/16/91	61	56.3	56.769	79.	43.	47.35	6.881	49.2	51.5	60.	66.88
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/05/67-05/16/91	63	1140.	1033.429	1860.	60.	234046.991	483.784	196.8	590.	1460.	1572.
00300	OXYGEN, DISSOLVED MG/L	08/03/67-05/09/84	45	9.	9.127	13.9	4.2	4.042	2.01	6.96	7.5	10.3	12.
00310p	BOD, 5 DAY, 20 DEG C MG/L	07/05/67-04/17/91	48	5.25	7.34	34.	1.	50.746	7.124	2.	3.05	7.	20.
00340	COD, .25N K2CR2O7 MG/L	07/05/67-05/09/84	45	33.	46.533	176.	1.	1367.891	36.985	14.	21.5	63.	94.2
00403p	PH, LAB, STANDARD UNITS SU	07/05/67-05/16/91	62	8.1	8.006	9.7	6.6	0.225	0.474	7.43	7.7	8.3	8.5
00403p	CONVERTED PH, LAB, STANDARD UNITS	07/05/67-05/16/91	62	8.1	7.727	9.7	6.6	0.304	0.551	7.43	7.7	8.3	8.5
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/05/67-05/16/91	62	0.008	0.019	0.251	0.	0.001	0.035	0.003	0.005	0.02	0.037
00440p	BICARBONATE ION (MG/L AS HCO3)	07/05/67-05/16/91	55	217.	198.509	300.	12.	4106.588	64.083	109.2	149.	246.	279.
00445	CARBONATE ION (MG/L AS CO3)	07/05/67-07/06/79	28	0.	2.25	24.	0.	45.157	6.72	0.	0.	0.	16.7
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/03/79-05/16/91	22	1.2	5.96	24.1	0.005	58.399	7.642	0.022	0.082	10.8	18.7
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/05/67-11/02/79	33	0.	0.112	1.4	0.	0.085	0.292	0.	0.	0.08	0.362
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/08/80-05/16/91	22	0.15	0.547	3.2	0.005	0.613	0.783	0.013	0.03	0.92	1.61
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/05/67-05/16/91	55	1.9	2.713	14.01	0.	6.815	2.611	0.622	1.04	3.19	5.962
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/04/80-04/17/91	13	11.5	12.885	27.3	3.3	44.81	6.694	4.38	8.	18.4	24.06
00900p	HARDNESS, TOTAL (MG/L AS CaCO3)	07/05/67-05/16/91	52	399.	380.212	777.	16.	26280.915	162.114	189.6	233.	509.25	579.2
00916p	CALCIUM, TOTAL (MG/L AS Ca)	07/05/67-05/16/91	52	100.5	95.923	198.	4.2	1813.247	42.582	47.06	57.	124.	151.89
00927p	MAGNESIUM, TOTAL (MG/L AS MG)	07/05/67-05/16/91	52	35.1	34.223	74.6	1.2	236.68	15.384	14.39	22.325	46.075	53.32
00929p	SODIUM, TOTAL (MG/L AS Na)	07/05/67-05/16/91	52	108.5	95.969	147.	4.2	1540.517	39.249	31.88	67.875	123.5	138.7
00937p	POTASSIUM, TOTAL MG/L AS K)	07/05/67-05/16/91	52	6.	7.312	20.2	0.8	16.934	4.115	3.93	4.688	9.075	14.28
00940p	CHLORIDE, TOTAL IN WATER MG/L	07/05/67-05/16/91	55	101.	97.327	195.	7.	2231.706	47.241	26.2	58.	129.	160.4
00945p	SULFATE, TOTAL (MG/L AS SO4)	07/05/67-05/16/91	55	299.	272.382	633.	17.	19603.352	140.012	76.2	159.	356.	445.2
00951	FLUORIDE, TOTAL (MG/L AS F)	12/01/82-05/16/91	15	0.7	0.686	0.94	0.42	0.019	0.139	0.468	0.59	0.79	0.91
01002	ARSENIC, TOTAL (UG/L AS AS)	05/02/77-05/16/91	11	5.	9.318	27.	1.	100.864	10.043	1.	2.5	18.	27.
01007	BARIUM, TOTAL (UG/L AS Ba)	05/02/77-05/16/91	11	30.	30.455	80.	5.	512.273	22.633	6.	10.	40.	76.
01027	CADMIUM, TOTAL (UG/L AS Cd)	05/02/77-05/16/91	11 ##	5.	5.818	10.	5.	3.364	1.834	5.	5.	5.	9.8
01034	CHROMIUM, TOTAL (UG/L AS Cr)	05/02/77-05/16/91	11 ##	10.	11.364	15.	10.	5.455	2.335	10.	10.	15.	15.
01042	COPPER, TOTAL (UG/L AS Cu)	05/02/77-05/16/91	11	20.	25.	100.	5.	705.	26.552	6.	10.	20.	88.
01045	IRON, TOTAL (UG/L AS Fe)	05/02/77-12/12/91	11	160.	308.5	1900.	0.5	287961.45	536.62	1.	130.	230.	1590.
01051	LEAD, TOTAL (UG/L AS Pb)	05/02/77-05/16/91	11	10.	25.909	130.	5.	1554.091	39.422	5.	5.	20.	118.
01055	MANGANESE, TOTAL (UG/L AS Mn)	05/02/77-05/16/91	11	30.	40.455	80.	5.	642.273	25.343	8.	20.	70.	80.
01067	NICKEL, TOTAL (UG/L AS Ni)	05/02/77-05/16/91	11	10.	37.273	290.	10.	7041.818	83.916	10.	10.	20.	236.
01077	SILVER, TOTAL (UG/L AS Ag)	05/02/77-05/16/91	11 ##	5.	5.273	8.	5.	0.818	0.905	5.	5.	5.	7.4
01092	ZINC, TOTAL (UG/L AS Zn)	05/02/77-05/16/91	11	90.	113.636	250.	50.	3205.455	56.617	54.	90.	130.	236.
01147	SELENIUM, TOTAL (UG/L AS Se)	05/02/77-05/16/91	11 ##	2.5	2.455	6.	1.	1.923	1.387	1.	1.	2.5	5.4
31503p	COLIFORM, TOT, MEMBR FILTER, DELAYED, M-ENDO MED, 35 C	07/05/67-05/16/91	55	7400.	25704.018	500000.	430.	4856516279.5	69688.71	2060.	4000.	19200.	48800.
31503p	LOG COLIFORM, TOT, MEMBR FILTER, DELAYED, M-ENDO MED, 3	07/05/67-05/16/91	55	3.869	3.956	5.699	2.633	0.315	0.561	3.309	3.602	4.283	4.685
31503p	GM COLIFORM, TOT, MEMBR FILTER, DELAYED, M-ENDO MED, 35	GEOMETRIC MEAN =			9038.169								
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/07/70-05/16/91	46	700.	1658.478	17800.	20.	10701879.855	3271.373	80.	352.5	1225.	3700.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/07/70-05/16/91	46	2.845	2.797	4.25	1.301	0.368	0.607	1.903	2.547	3.088	3.565
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			626.473								
31673p	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	10/01/68-05/16/91	52	1250.	8392.5	80000.	70.	306251399.51	17500.04	300.	600.	3275.	31680.
31673p	LOG FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	10/01/68-05/16/91	52	3.097	3.238	4.903	1.845	0.574	0.758	2.477	2.778	3.515	4.501
31673p	GM FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	GEOMETRIC MEAN =			1728.1								
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	05/02/77-12/12/91	11 ##	0.025	0.023	0.025	0.005	0.	0.006	0.009	0.025	0.025	0.025
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	05/02/77-12/12/91	11 ##	0.05	0.046	0.05	0.005	0.	0.014	0.014	0.05	0.05	0.05
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	05/02/77-12/12/91	11 ##	0.05	0.046	0.05	0.005	0.	0.014	0.014	0.05	0.05	0.05
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	05/02/77-12/12/91	8 ##	0.5	0.438	0.5	0.005	0.031	0.175	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	05/02/77-12/12/91	11 ##	0.025	0.023	0.025	0.005	0.	0.006	0.009	0.025	0.025	0.025
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	05/02/77-12/12/91	11 ##	0.025	0.024	0.025	0.01	0.	0.005	0.013	0.025	0.025	0.025
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	05/02/77-12/12/91	11 ##	0.25	0.228	0.25	0.005	0.005	0.074	0.054	0.25	0.25	0.25
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	05/02/77-12/12/91	11 ##	0.5	0.455	0.5	0.005	0.022	0.149	0.104	0.5	0.5	0.5
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	05/02/77-12/12/91	11 ##	0.025	0.023	0.025	0.005	0.	0.006	0.009	0.025	0.025	0.025
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	05/02/77-05/16/91	34	670.	662.059	1344.	52.	97734.299	312.625	142.	452.5	920.	1062.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/05/67-07/06/79	27	932.	835.407	1470.	50.	119408.789	345.556	296.4	435.	1093.	1136.2
70507p	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	11/06/68-05/16/91	51	0.1	0.954	12.6	0.005	4.839	2.2	0.02	0.05	0.41	3.92
71850p	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	07/05/67-01/24/91	39	8.4	11.636	62.	0.	117.337	10.832	2.6	4.7	14.3	23.8
71900	MERCURY, TOTAL (UG/L AS Hg)	04/01/71-05/16/91	12 ##	0.5	0.525	1.	0.3	0.026	0.16	0.36	0.5	0.5	0.85

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

Station: SAM00002 Parameter Code: 00011

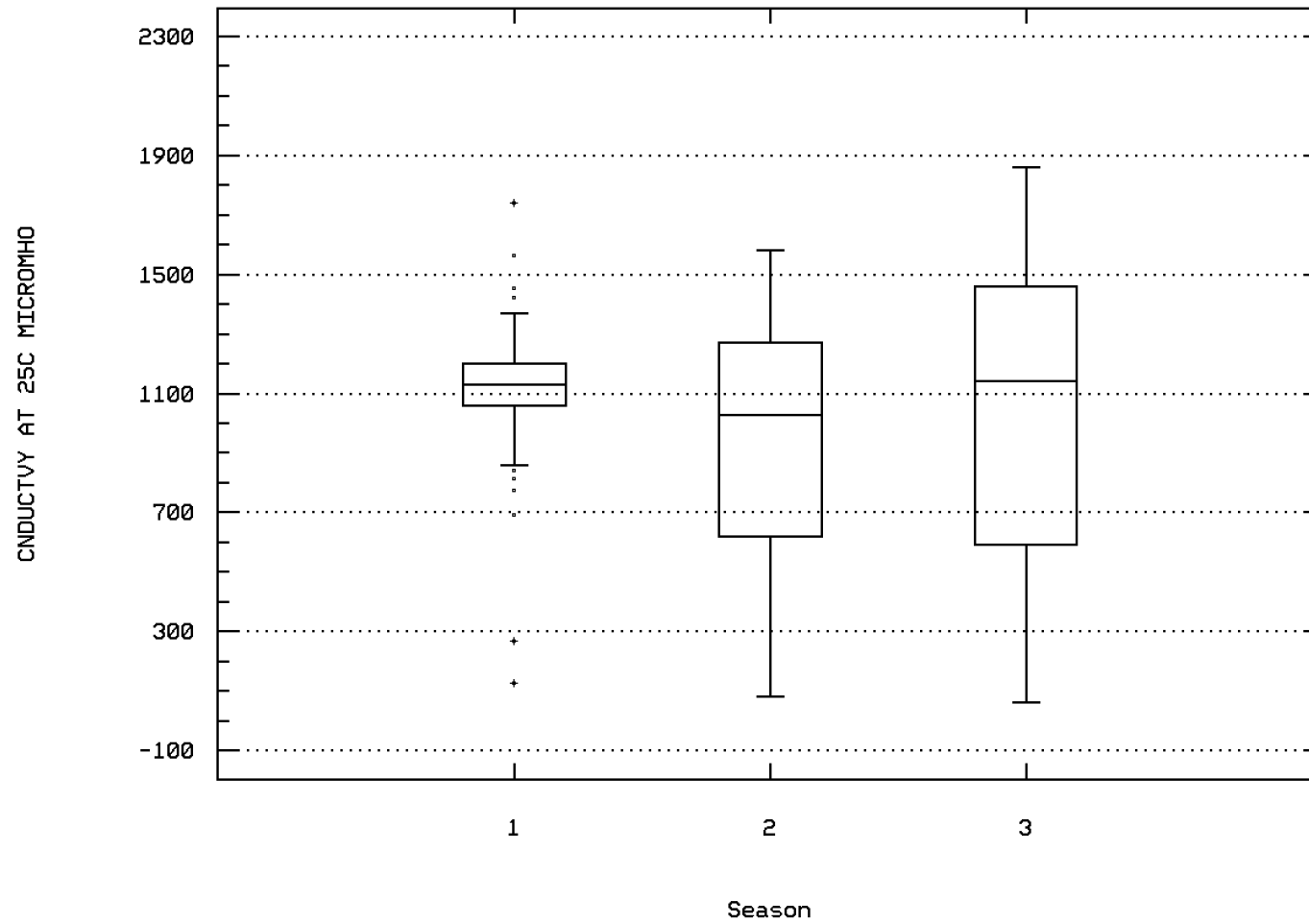
TEMPERATURE, WATER (DEGREES FAHRENHEIT)



LOS ANGELES RIVER @ TUJUNGA

Station: SAM00002 Parameter Code: 00095

SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)

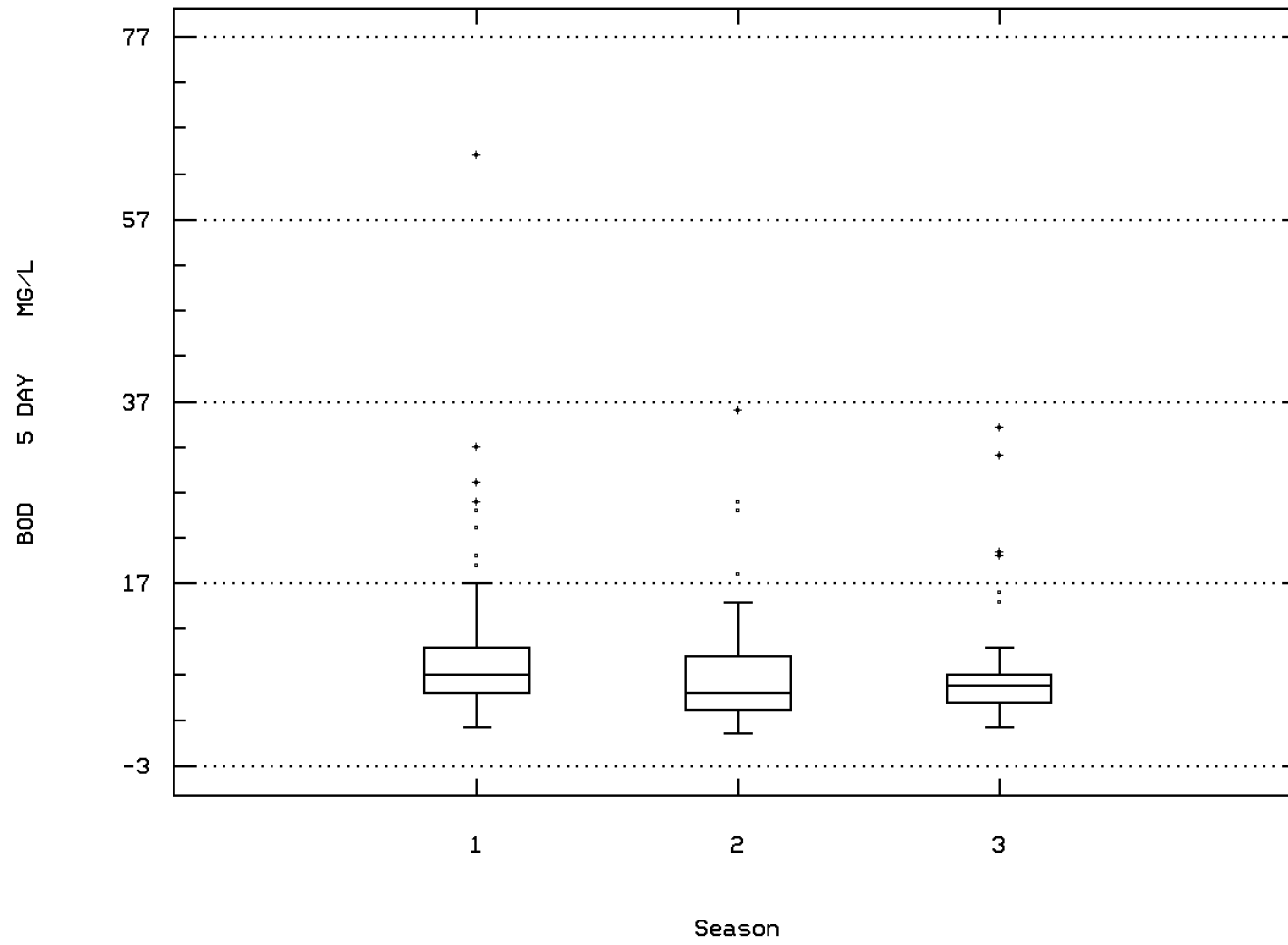


LOS ANGELES RIVER @ TUJUNGA



Station: SAM00002 Parameter Code: 00310

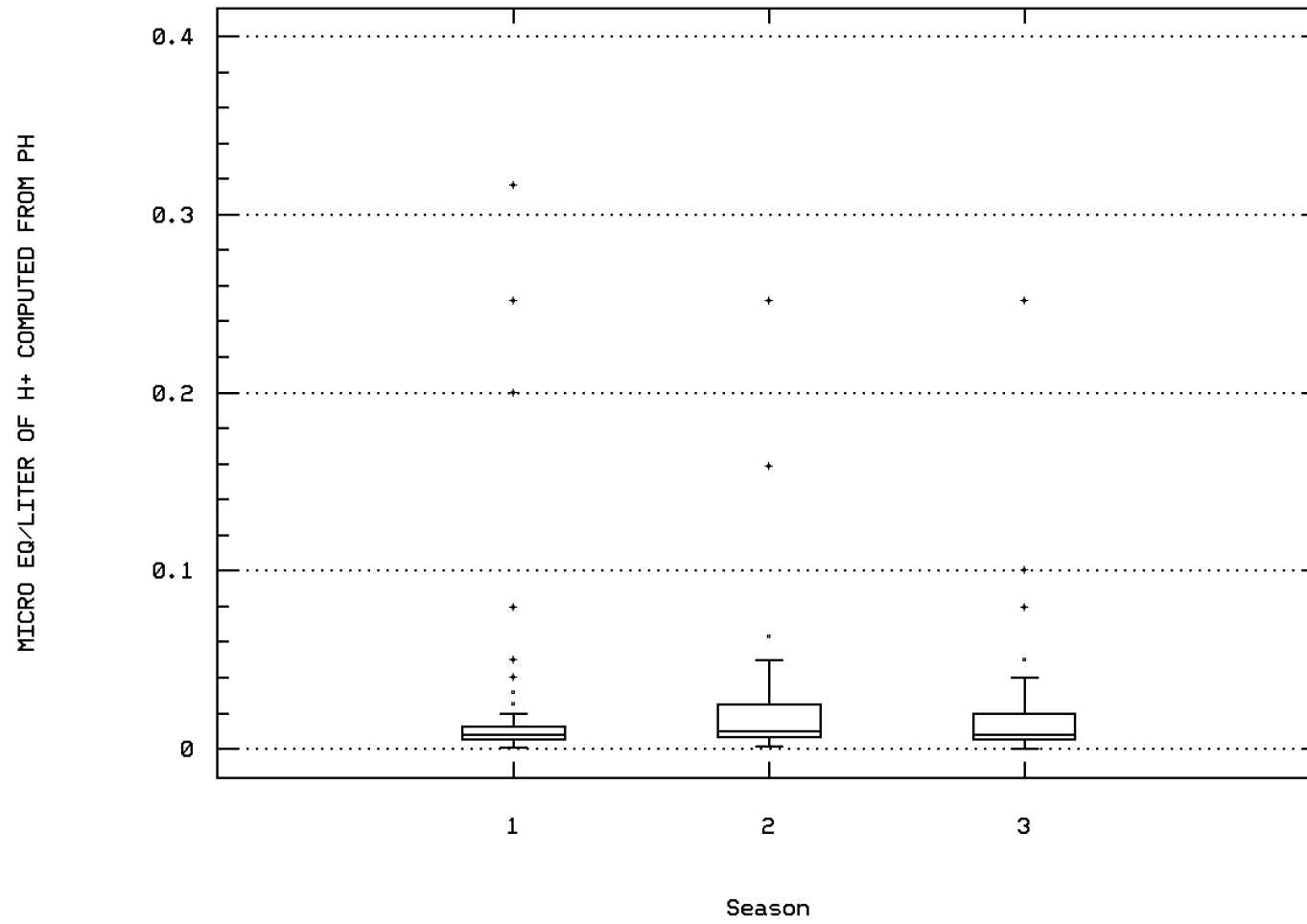
BOD, 5 DAY, 20 DEG C



LOS ANGELES RIVER @ TUJUNGA

Station: SAM00002 Parameter Code: 00403

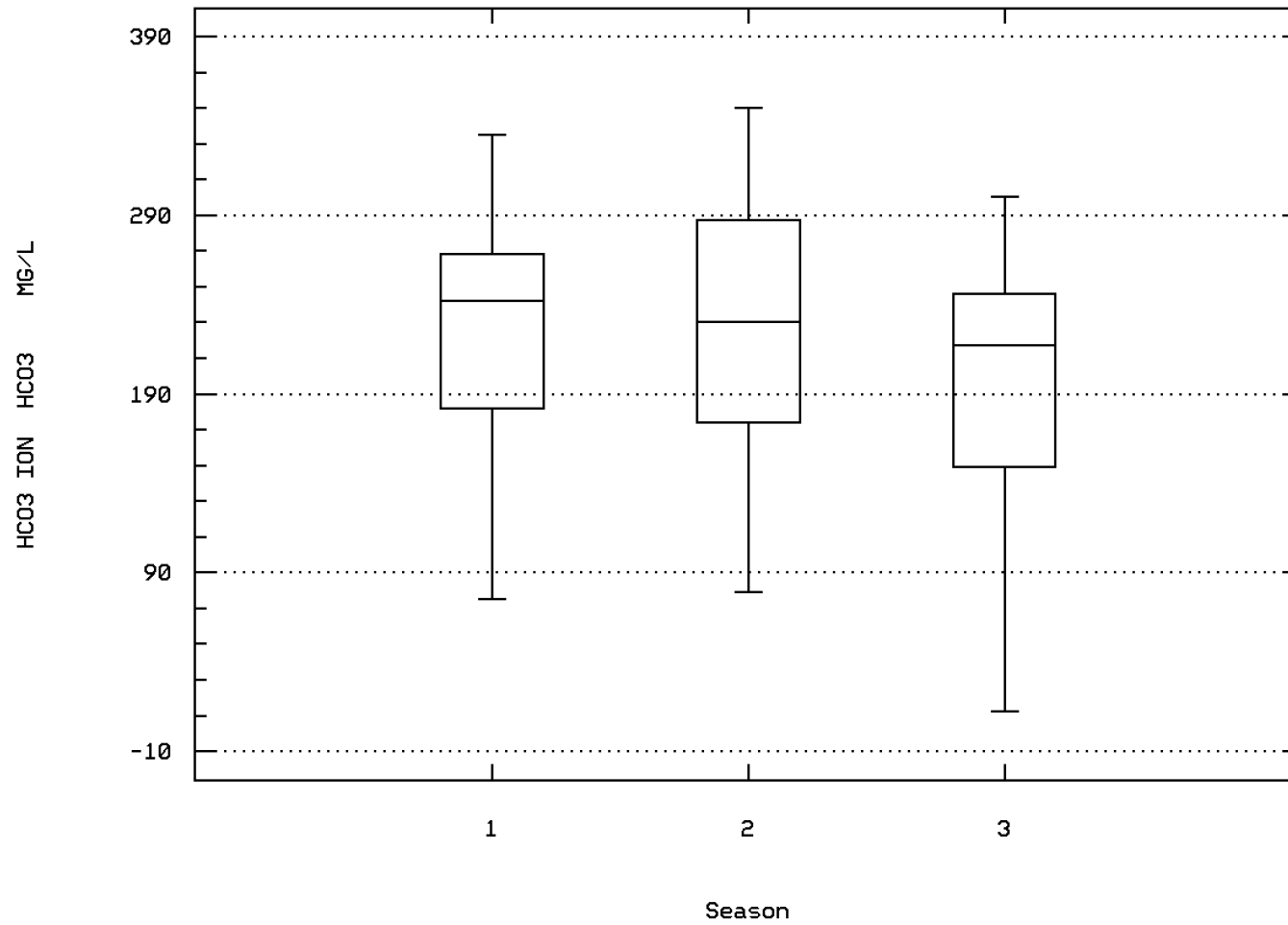
MICRO EQ/LITER OF H+ COMPUTED FROM PH



LOS ANGELES RIVER @ TUJUNGA

Station: SAM00002 Parameter Code: 00440

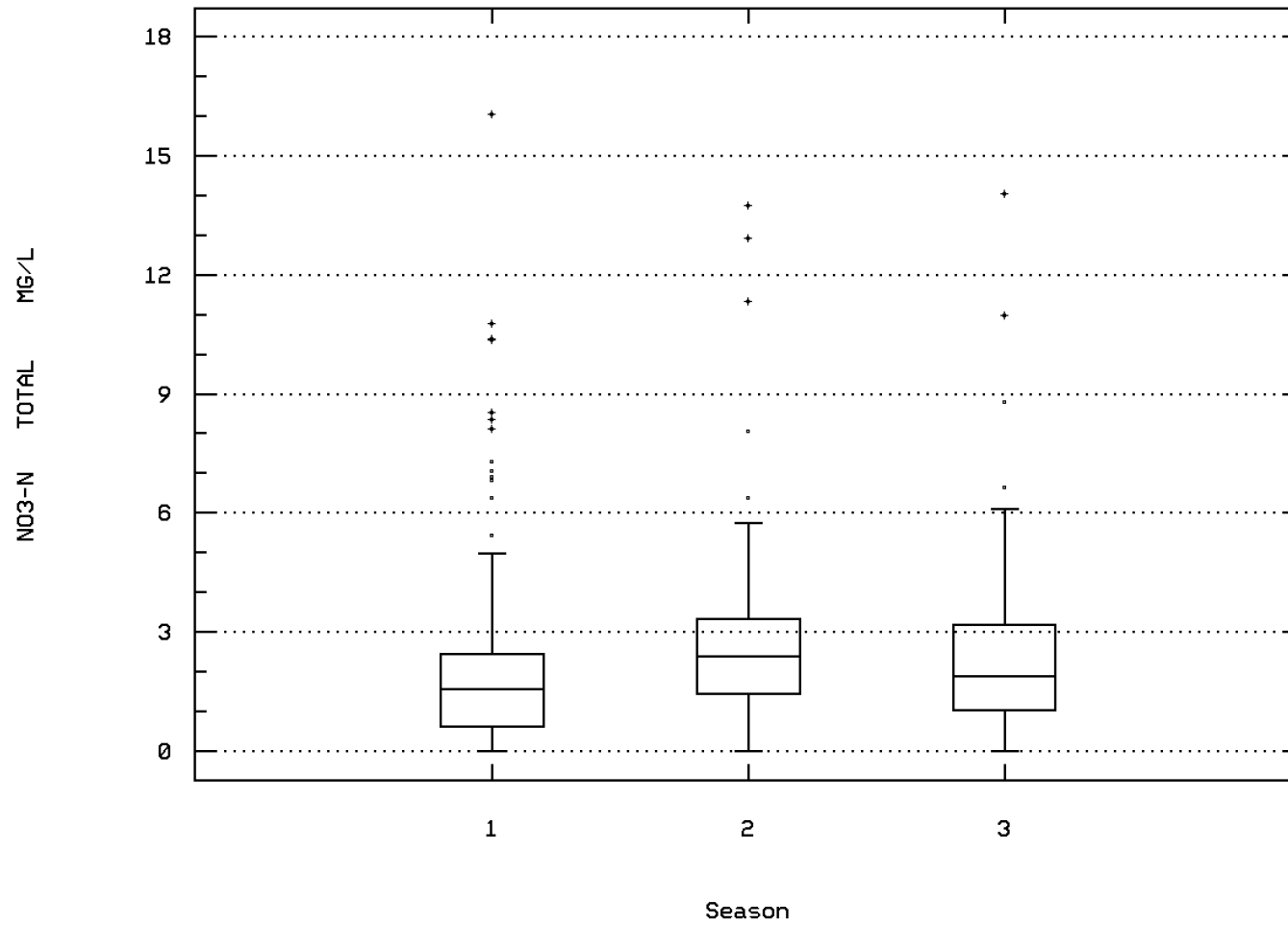
BICARBONATE ION (MG/L AS HCO<sub>3</sub>)



LOS ANGELES RIVER @ TUJUNGA

Station: SAM00002 Parameter Code: 00620

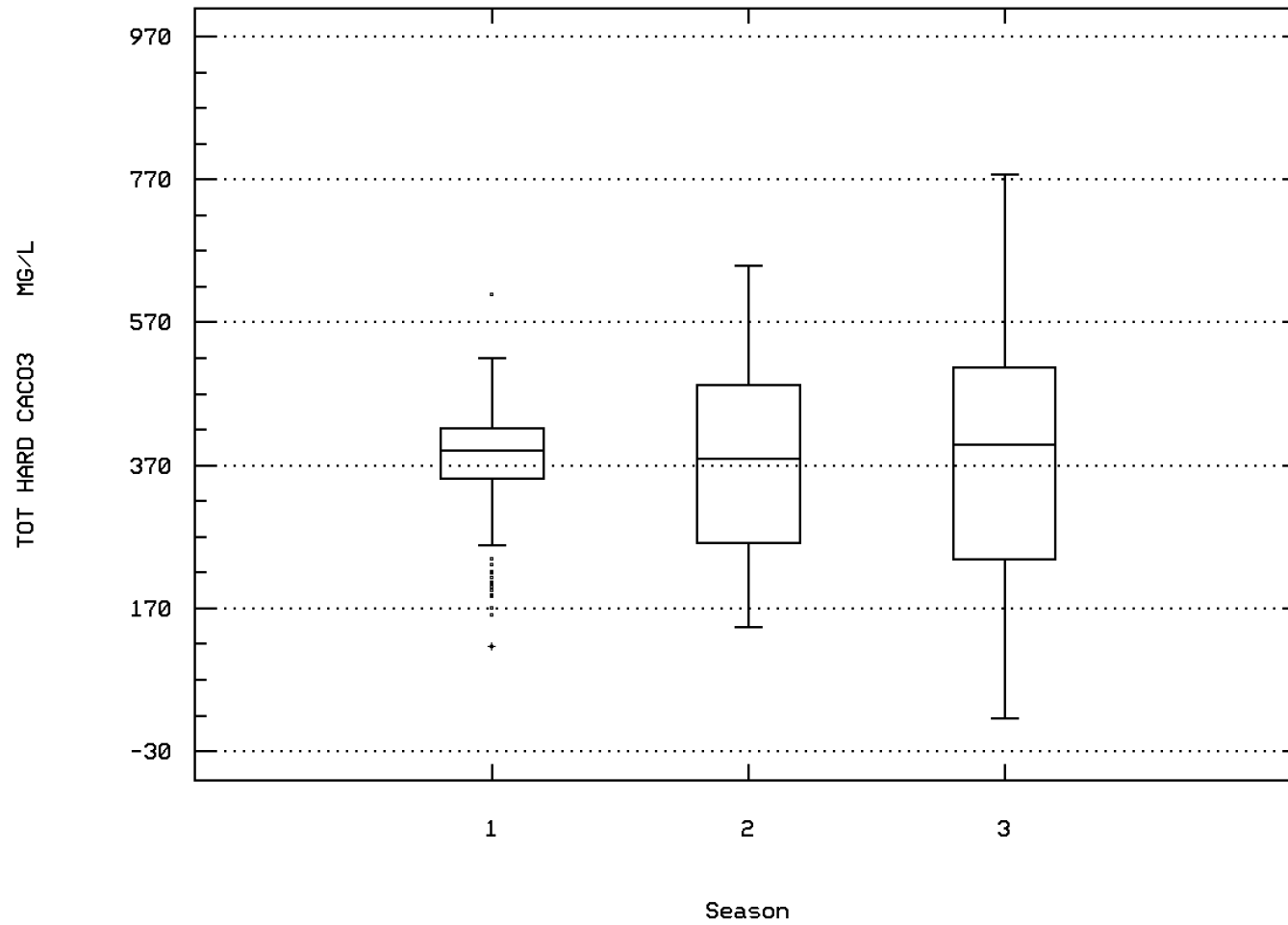
NITRATE NITROGEN, TOTAL (MG/L AS N)



LOS ANGELES RIVER @ TUJUNGA

Station: SAM00002 Parameter Code: 00900

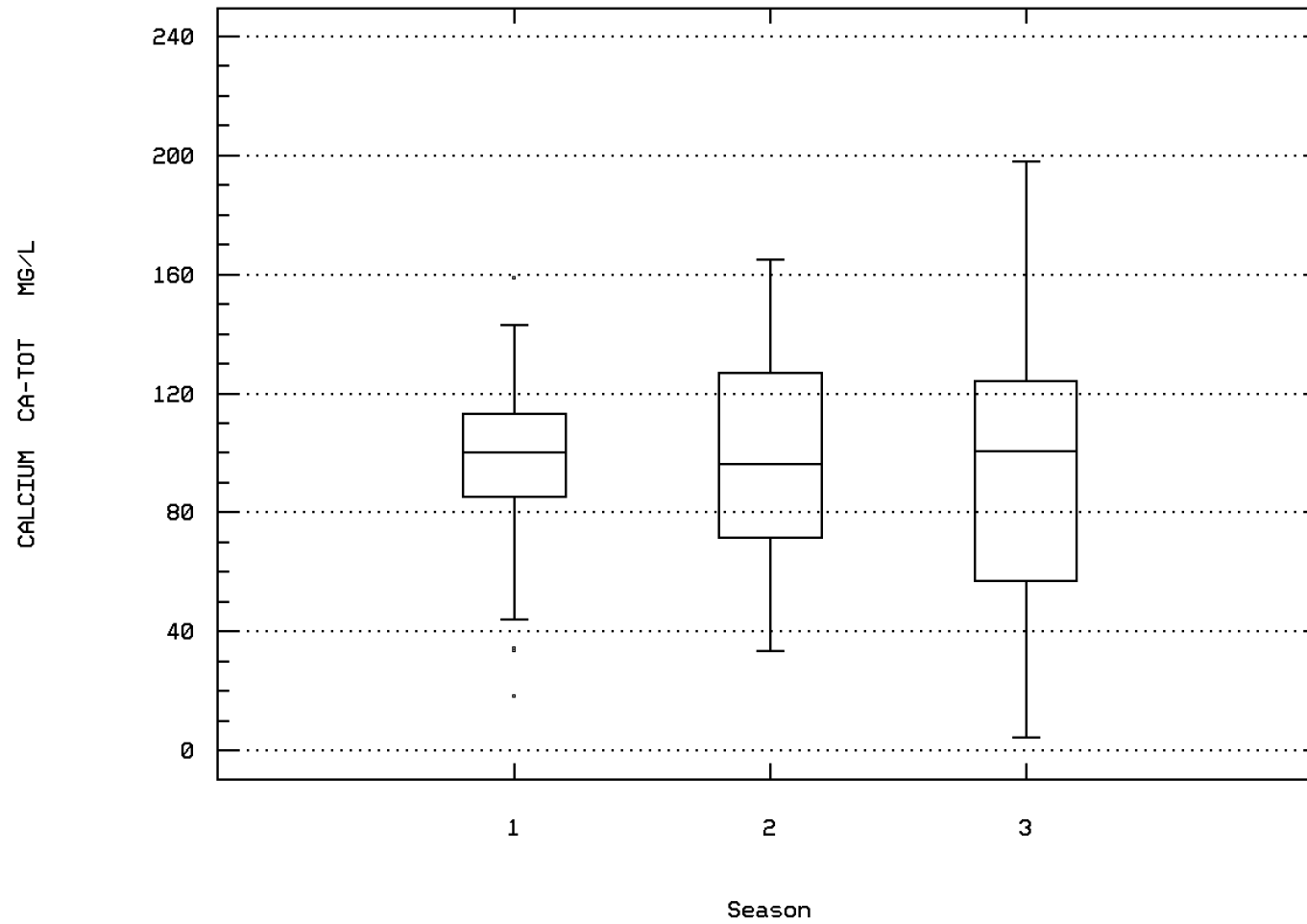
HARDNESS, TOTAL (MG/L AS CaCO3)



LOS ANGELES RIVER @ TUJUNGA

Station: SAM00002 Parameter Code: 00916

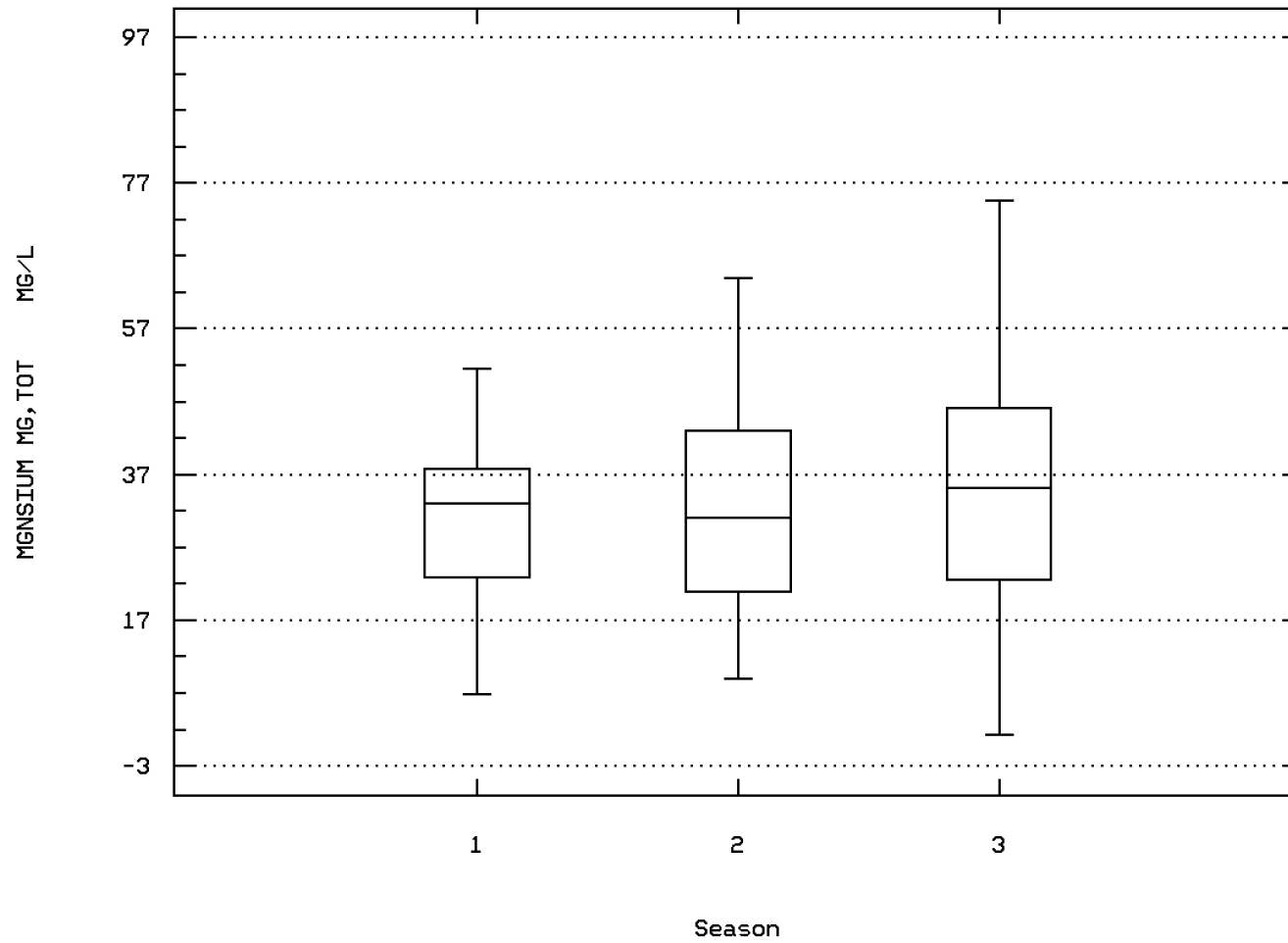
CALCIUM, TOTAL (MG/L AS CA)



LOS ANGELES RIVER @ TUJUNGA

Station: SAM00002 Parameter Code: 00927

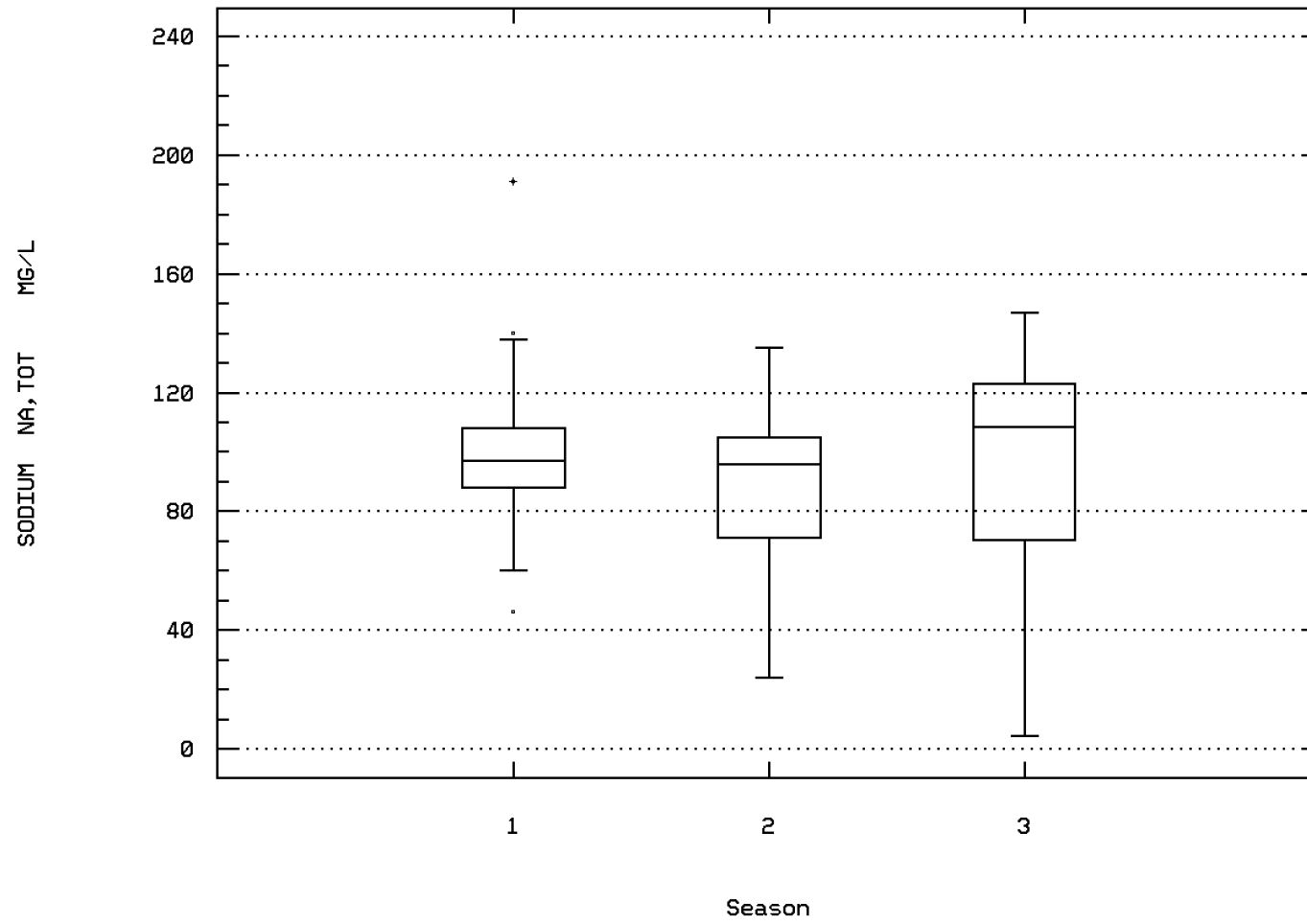
MAGNESIUM, TOTAL (MG/L AS MG)



LOS ANGELES RIVER @ TUJUNGA

Station: SAM00002 Parameter Code: 00929

SODIUM, TOTAL (MG/L AS NA)

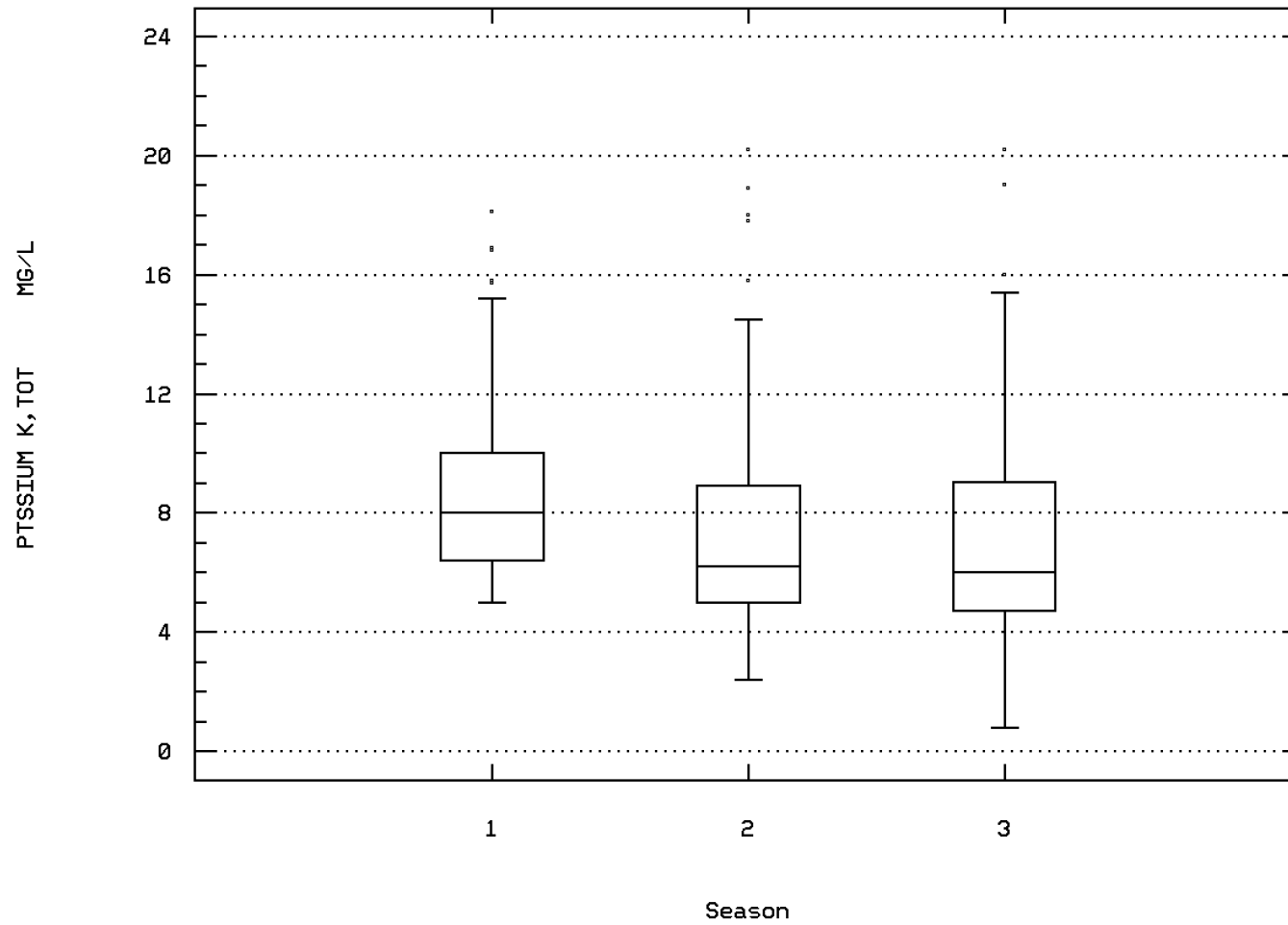


LOS ANGELES RIVER @ TUJUNGA



Station: SAM00002 Parameter Code: 00937

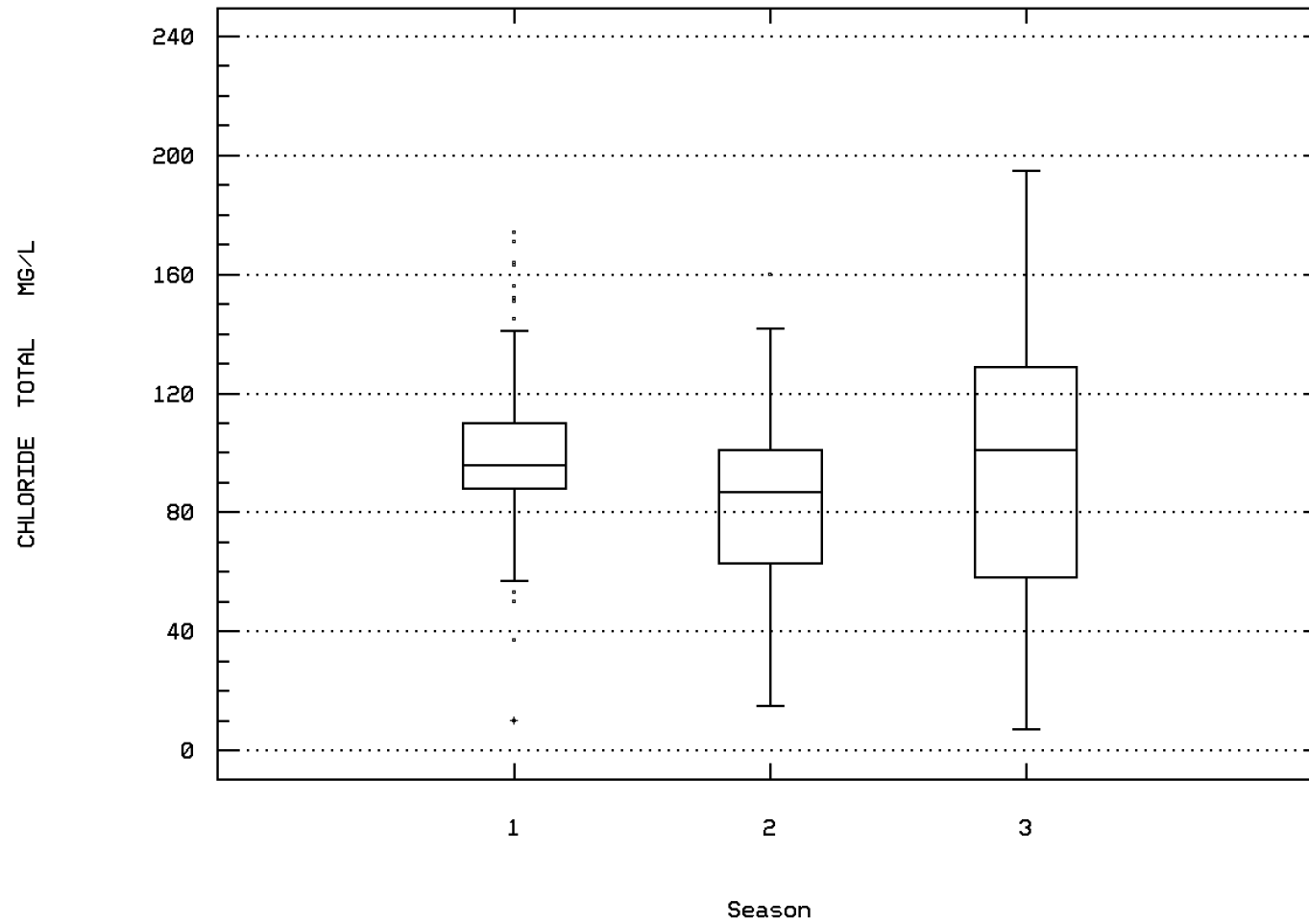
POTASSIUM, TOTAL MG/L AS K)



LOS ANGELES RIVER @ TUJUNGA

Station: SAM00002 Parameter Code: 00940

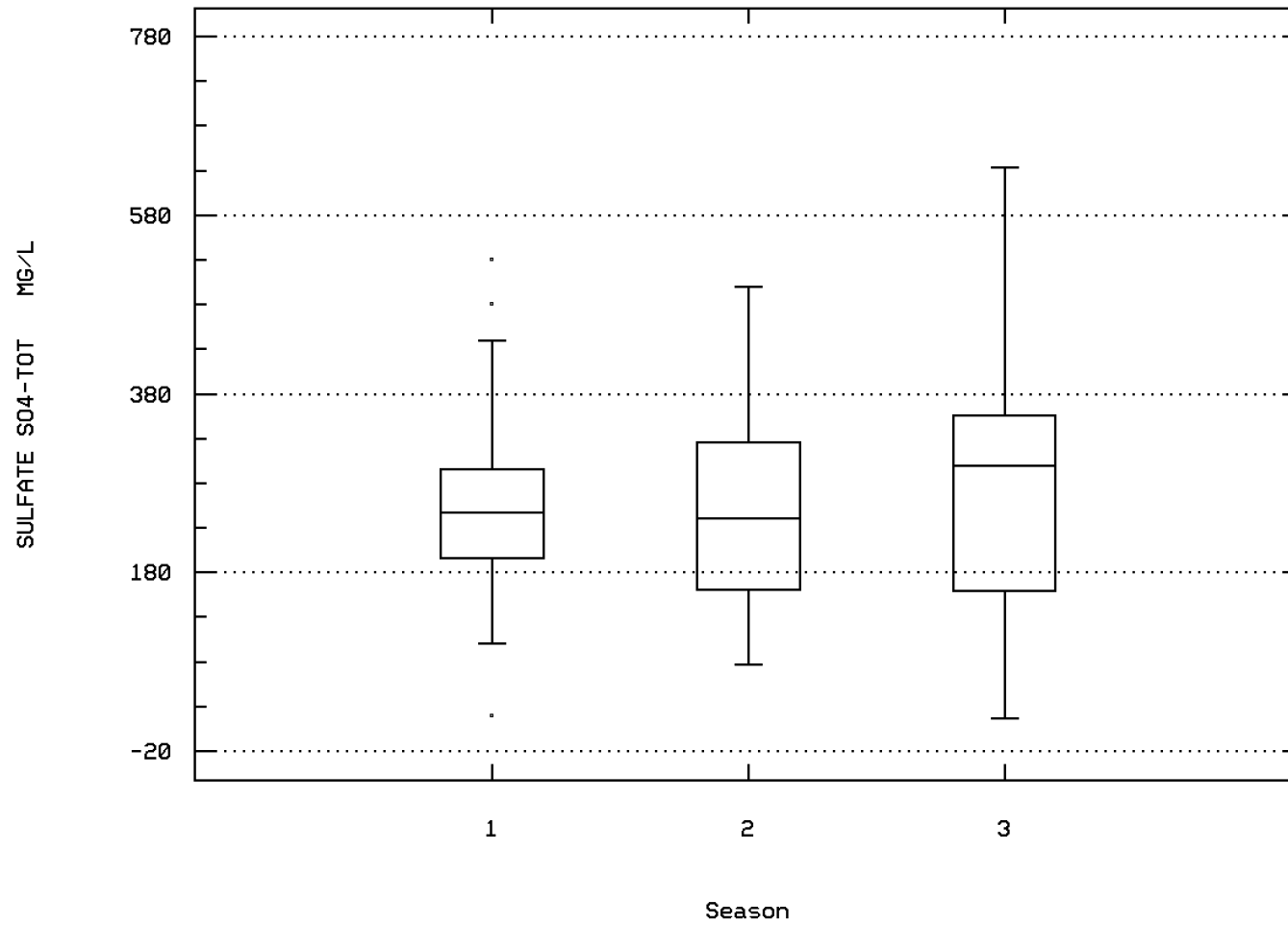
CHLORIDE, TOTAL IN WATER



LOS ANGELES RIVER @ TUJUNGA

Station: SAM00002 Parameter Code: 00945

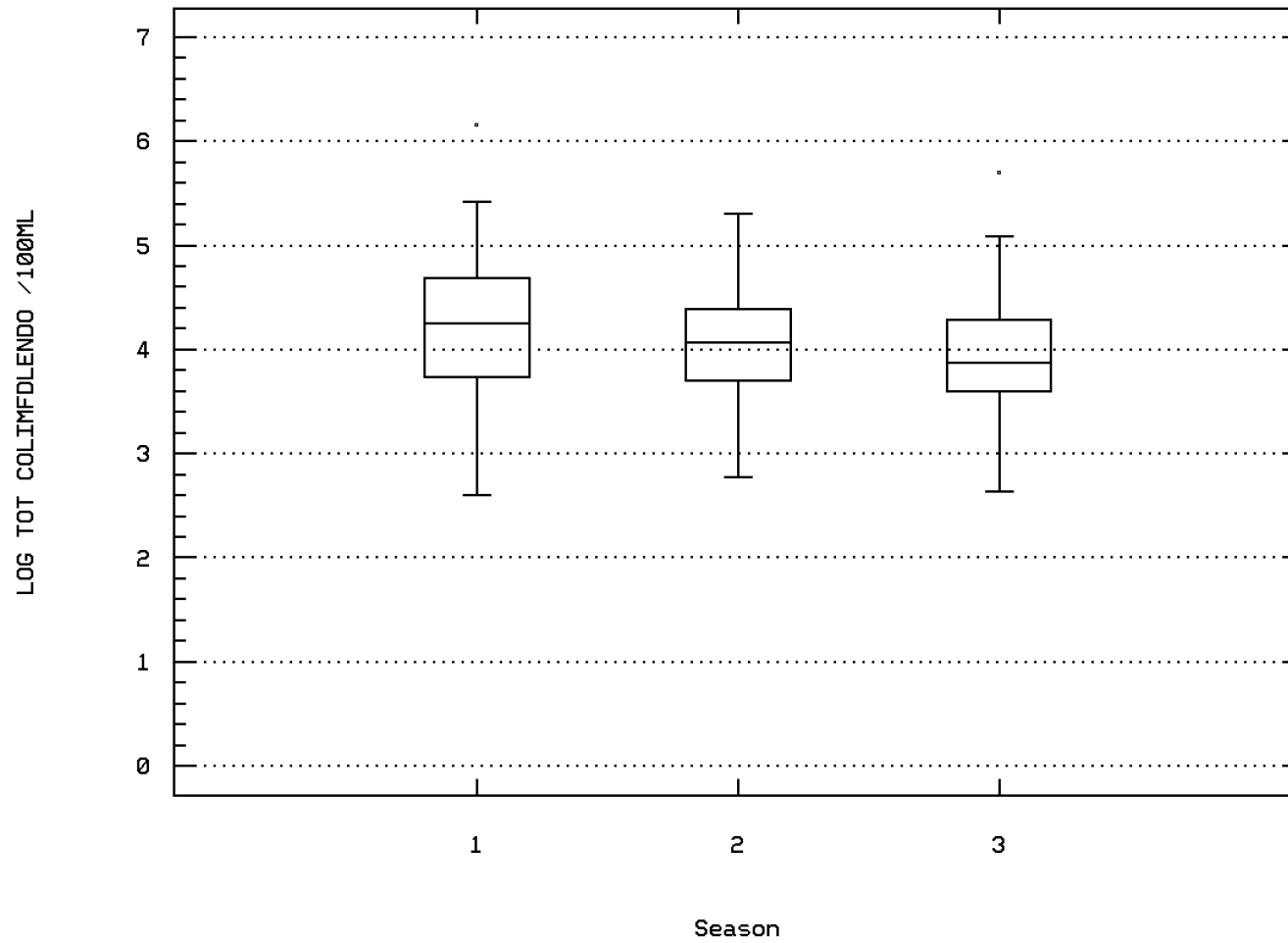
SULFATE, TOTAL (MG/L AS SO4)



LOS ANGELES RIVER @ TUJUNGA

Station: SAM00002 Parameter Code: 31503

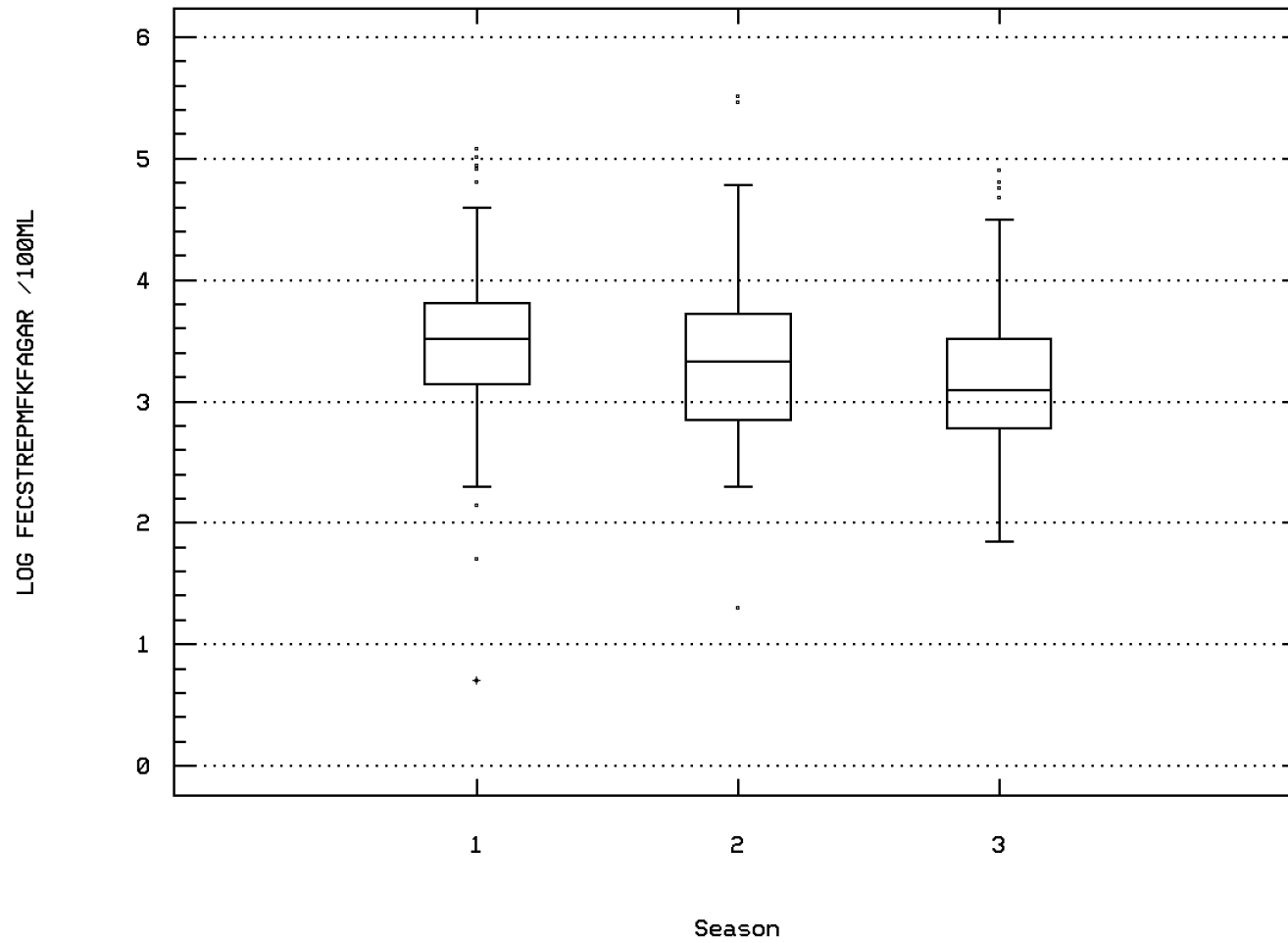
LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M



LOS ANGELES RIVER @ TUJUNGA

Station: SAM00002 Parameter Code: 31673

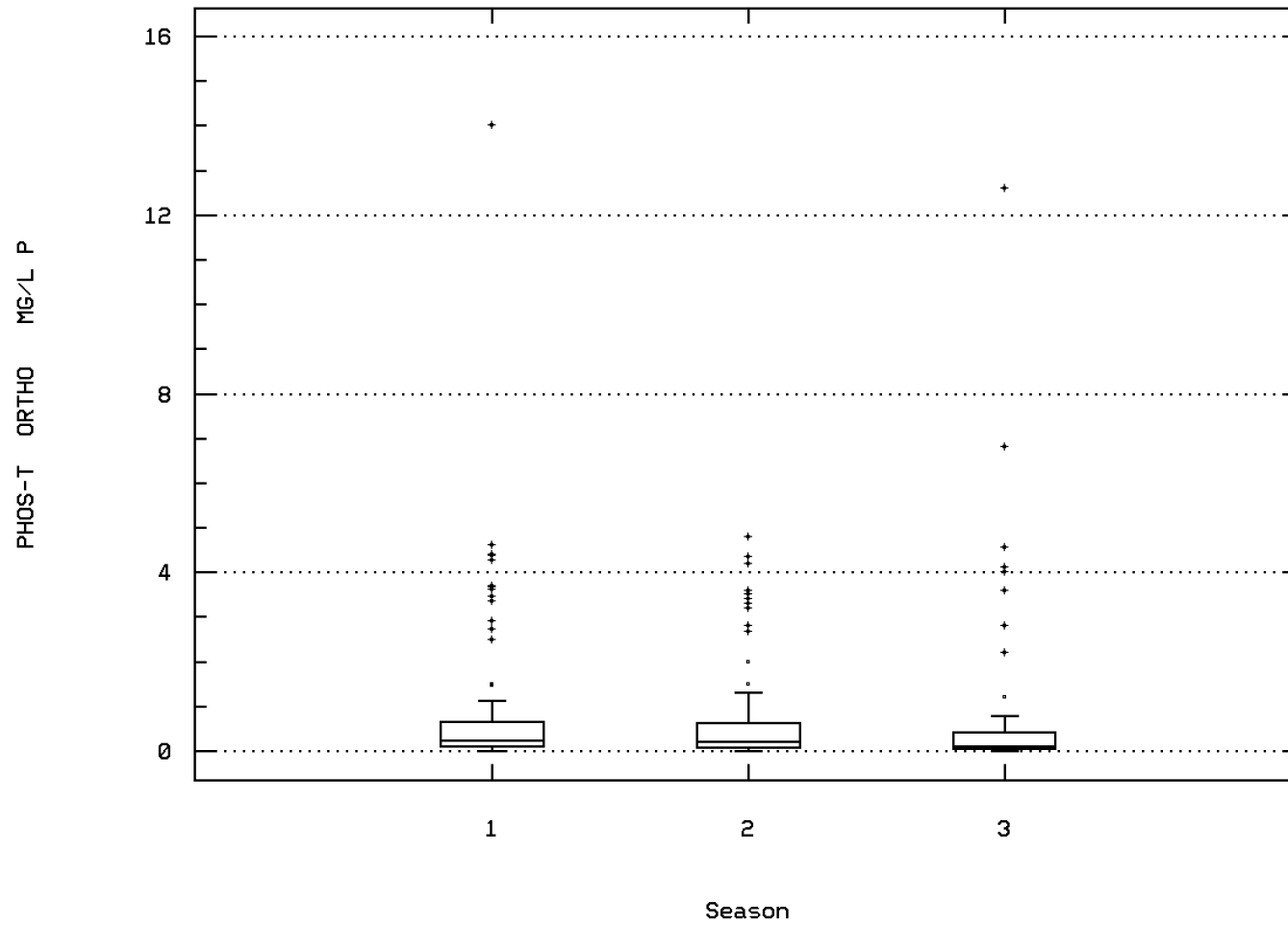
LOG FECAL STREPTOCOCCI, MBR FILT,KF AGA



LOS ANGELES RIVER @ TUJUNGA

Station: SAM00002 Parameter Code: 70507

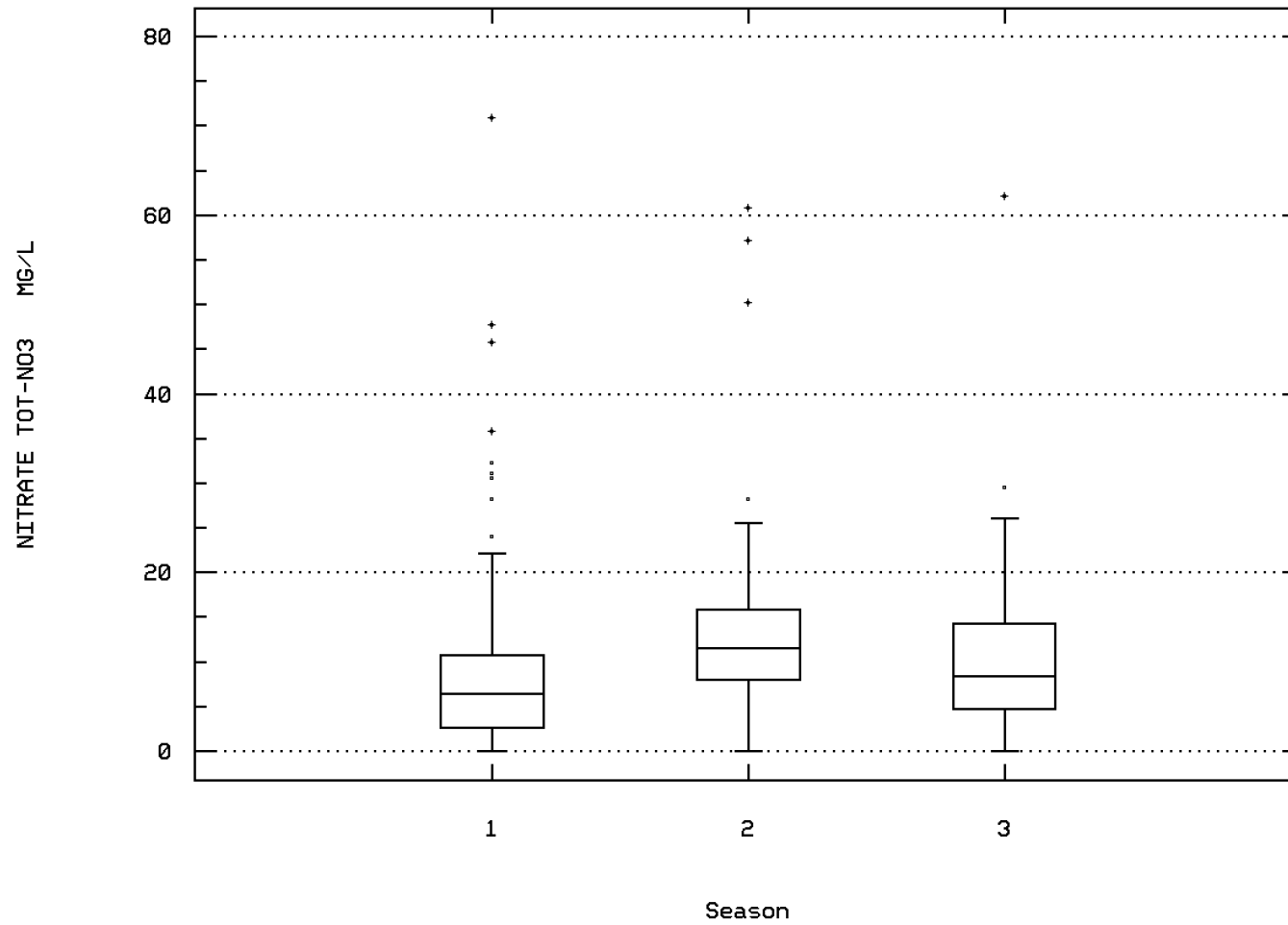
PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/



LOS ANGELES RIVER @ TUJUNGA

Station: SAM00002 Parameter Code: 71850

NITRATE NITROGEN, TOTAL (MG/L AS NO3)



LOS ANGELES RIVER @ TUJUNGA

## Station Inventory for Station: SAMO0003

NPS Station ID: SAMO0003 Location: TUJUNGA WASH @ RADFORD AVENUE Station Type: /TYPA/AMBNT/STREAM RMI-Indexes: RMI-Miles: HUC: 18070105 Major Basin: LOS ANGELES RIVER Minor Basin: VAN NUYS QUADRANGLE F105B-R RF1 Index: 18070105010 RF3 Index: 18070104013600.00 Description:	LAT/LON: 34.149448/-118.390560  Depth of Water: 999 Elevation: 0  RF1 Mile Point: 13.140 RF3 Mile Point: 1.24	Agency: 21CALAFD FIPS State/County: 06037 CALIFORNIA/LOS ANGELES STORET Station ID(s): TUJRAD /Z6141500 /TG 23C3H8 1 Within Park Boundary: No  Aquifer: Water Body Id: ECO Region: Distance from RF1: 21.20 Distance from RF3: 0.09	Date Created: / /          On/Off RF1: OFF On/Off RF3:
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## Parameter Inventory for Station: SAMO0003

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/28/74-02/03/75	3	11.7	13.	16.7	10.6	10.57	3.251	**	**	**
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/28/74-02/03/75	3	53.	55.333	62.	51.	34.333	5.859	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/74-02/03/75	4	76.5	94.5	169.	56.	2648.333	51.462	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/04/74-02/03/75	4	9.3	8.625	9.9	6.	3.169	1.78	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/74-02/03/75	4	25.5	31.25	60.	14.	470.25	21.685	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/04/74-02/03/75	4	7.55	7.55	8.2	6.9	0.297	0.545	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/74-02/03/75	4	7.525	7.319	8.2	6.9	0.368	0.607	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/74-02/03/75	4	0.03	0.048	0.126	0.006	0.003	0.054	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	01/04/74-02/03/75	4	20.5	22.75	38.	12.	120.917	10.996	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	01/04/74-02/03/75	4	0.	0.	0.	0.	0.	0.	**	**	**
00547	RESIDUE, TOTAL NON-SETTLEABLE (MG/L)	01/04/74-02/03/75	4	196.5	329.75	856.	70.	128768.25	358.843	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/04/74-02/03/75	4	0.08	0.068	0.11	0.	0.002	0.047	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/04/74-02/03/75	4	0.79	1.135	2.8	0.16	1.324	1.15	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	01/04/74-02/03/75	4	26.	31.	55.	17.	280.	16.733	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	01/04/74-02/03/75	4	7.1	8.4	15.	4.4	21.787	4.668	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/04/74-02/03/75	4	1.75	2.075	4.	0.8	1.889	1.374	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	01/04/74-02/03/75	4	2.9	3.95	9.	1.	13.637	3.693	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	01/04/74-02/03/75	4	2.85	3.925	8.	2.	7.623	2.761	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	01/04/74-02/03/75	4	4.	5.	8.	4.	4.	2.	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	01/04/74-02/03/75	4	10.	13.75	31.	4.	140.917	11.871	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	01/04/74-02/03/75	4 ##	2.	2.	2.	2.	0.	0.	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	01/04/74-02/03/75	4	60.	57.5	100.	10.	1625.	40.311	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	01/04/74-02/03/75	4	5.	6.25	14.	1.	32.917	5.737	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/04/74-02/03/75	4	15.	15.	20.	10.	33.333	5.774	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	01/04/74-02/03/75	4	50.	93.5	230.	44.	8289.	91.044	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	01/04/74-02/03/75	4	4750.	4550.	6500.	2200.	4536666.667	2129.945	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	01/04/74-02/03/75	3	480.	473.333	540.	400.	4933.333	70.238	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	01/04/74-02/03/75	4	195.	302.5	690.	130.	69691.667	263.992	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	01/04/74-02/03/75	4	32.5	38.	67.	20.	412.667	20.314	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	01/04/74-02/03/75	4 ##	3.75	3.5	5.	1.5	2.167	1.472	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	01/04/74-02/03/75	4	350.	652.5	1640.	270.	436491.667	660.675	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	01/04/74-02/03/75	4 ##	0.25	0.9	3.	0.1	1.98	1.407	**	**	**
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	01/04/74-02/03/75	4	33000.	59000.	142000.	28000.	3073333333.333	55437.653	**	**	**
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	01/04/74-02/03/75	4	4.517	4.658	5.152	4.447	0.111	0.333	**	**	**
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			45521.602							
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/04/74-02/03/75	4	3000.	6600.	18200.	2200.	60053333.333	7749.409	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/04/74-02/03/75	4	3.473	3.637	4.26	3.342	0.178	0.422	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4337.471							

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot



### Parameter Inventory for Station: SAMO0003

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	01/04/74-02/03/75	4	58000.	104250.	277000.	24000.13650916666.667	116837.137	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	01/04/74-02/03/75	4	4.75	4.831	5.442	4.38	0.204	0.452	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =		67743.721								
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	10/28/74-02/03/75	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	10/28/74-02/03/75	3	0.03	0.03	0.04	0.02	0.01	0.01	**	**	**
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	10/28/74-02/03/75	3 ##	0.015	0.015	0.02	0.01	0.	0.005	**	**	**
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	10/28/74-02/03/75	3 ##	0.015	0.012	0.015	0.005	0.	0.006	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	10/28/74-02/03/75	3	0.09	0.087	0.09	0.08	0.	0.006	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	10/28/74-02/03/75	3	0.04	0.037	0.04	0.03	0.	0.006	**	**	**
39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	10/28/74-02/03/75	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	10/28/74-02/03/75	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	10/28/74-02/03/75	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	10/28/74-02/03/75	3 ##	0.005	0.007	0.01	0.005	0.	0.003	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	10/28/74-02/03/75	3	0.03	0.033	0.05	0.02	0.	0.015	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	10/28/74-02/03/75	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	10/28/74-02/03/75	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
39780	DICOFOL IN WHOLE WATER SAMPLE (UG/L)	10/28/74-02/03/75	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	10/28/74-02/03/75	3	0.04	0.037	0.04	0.03	0.	0.006	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	01/04/74-02/03/75	4	52.5	65.25	122.	34.	1527.583	39.084	**	**	**
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	01/04/74-02/03/75	4	3.5	5.025	12.4	0.7	25.976	5.097	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	01/04/74-02/03/75	4	0.175	0.163	0.2	0.1	0.002	0.048	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0003

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00	1	0	0.00	3	0	0.00					
00403	PH, LAB	Other-Hi Lim.	9.	4	0	0.00	1	0	0.00	3	0	0.00					
		Other-Lo Lim.	6.5	4	0	0.00	1	0	0.00	3	0	0.00					
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	4	0	0.00	1	0	0.00	3	0	0.00					
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	4	0	0.00	1	0	0.00	3	0	0.00					
		Drinking Water	250.	4	0	0.00	1	0	0.00	3	0	0.00					
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	4	0	0.00	1	0	0.00	3	0	0.00					
01002	ARSENIC, TOTAL	Fresh Acute	360.	4	0	0.00	1	0	0.00	3	0	0.00					
		Drinking Water	50.	4	0	0.00	1	0	0.00	3	0	0.00					
01007	BARIUM, TOTAL	Drinking Water	2000.	4	0	0.00	1	0	0.00	3	0	0.00					
01027	CADMIUM, TOTAL	Fresh Acute	3.9	4	2	0.50	1	1	1.00	3	1	0.33					
		Drinking Water	5.	4	2	0.50	1	1	1.00	3	1	0.33					
01034	CHROMIUM, TOTAL	Drinking Water	100.	4	0	0.00	1	0	0.00	3	0	0.00					
01042	COPPER, TOTAL	Fresh Acute	18.	4	4	1.00	1	1	1.00	3	3	1.00					
		Drinking Water	1300.	4	0	0.00	1	0	0.00	3	0	0.00					
01051	LEAD, TOTAL	Fresh Acute	82.	3	3	1.00				3	3	1.00					
		Drinking Water	15.	3	3	1.00				3	3	1.00					
01067	NICKEL, TOTAL	Fresh Acute	1400.	4	0	0.00	1	0	0.00	3	0	0.00					
		Drinking Water	100.	4	0	0.00	1	0	0.00	3	0	0.00					
01077	SILVER, TOTAL	Fresh Acute	4.1	3 &	0	0.00	1	0	0.00	2	0	0.00					
		Drinking Water	100.	4	0	0.00	1	0	0.00	3	0	0.00					
01092	ZINC, TOTAL	Fresh Acute	120.	4	4	1.00	1	1	1.00	3	3	1.00					
		Drinking Water	5000.	4	0	0.00	1	0	0.00	3	0	0.00					
01147	SELENIUM, TOTAL	Fresh Acute	20.	4	0	0.00	1	0	0.00	3	0	0.00					
		Drinking Water	50.	4	0	0.00	1	0	0.00	3	0	0.00					
31503	COLIFORM, TOTAL, MEMBRANE FILTER, DELAY.	Other-Hi Lim.	1000.	4	4	1.00	1	1	1.00	3	3	1.00					
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	4	4	1.00	1	1	1.00	3	3	1.00					
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	3	0	0.00	1	0	0.00	2	0	0.00					
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	3	0	0.00	1	0	0.00	2	0	0.00					
		Drinking Water	0.2	3	0	0.00	1	0	0.00	2	0	0.00					
39360	DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	3	0	0.00	1	0	0.00	2	0	0.00					

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### EPA Water Quality Criteria Analysis for Station: SAMO0003

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
39365 DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	3	0	0.00	1	0	0.00	2	0	0.00						
39370 DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	3	0	0.00	1	0	0.00	2	0	0.00						
39380 DIELDIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	3	0	0.00	1	0	0.00	2	0	0.00						
39388 ENDOSULFAN IN WHOLE WATER SAMPLE	Fresh Acute	0.22	3	0	0.00	1	0	0.00	2	0	0.00						
39390 ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	3	0	0.00	1	0	0.00	2	0	0.00						
	Drinking Water	2.	3	0	0.00	1	0	0.00	2	0	0.00						
39400 TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	3	0	0.00	1	0	0.00	2	0	0.00						
	Drinking Water	3.	3	0	0.00	1	0	0.00	2	0	0.00						
39410 HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	3	0	0.00	1	0	0.00	2	0	0.00						
	Drinking Water	0.4	3	0	0.00	1	0	0.00	2	0	0.00						
39420 HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	3	0	0.00	1	0	0.00	2	0	0.00						
	Drinking Water	0.2	3	0	0.00	1	0	0.00	2	0	0.00						
39782 LINDANE IN WHOLE WATER SAMPLE	Fresh Acute	2.	3	0	0.00	1	0	0.00	2	0	0.00						
	Drinking Water	0.2	3	0	0.00	1	0	0.00	2	0	0.00						
71850 NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	4	0	0.00	1	0	0.00	3	0	0.00						
71900 MERCURY, TOTAL	Fresh Acute	2.4	4	0	0.00	1	0	0.00	3	0	0.00						
	Drinking Water	2.	4	0	0.00	1	0	0.00	3	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0004

NPS Station ID: SAMO0004  
 Location: TUJUNGA WASH BELOW MOORPARK  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070105  
 Major Basin: LOS ANGELES AREA  
 Minor Basin: LOS ANGELES RIVER  
 RF1 Index: 18070105010  
 RF3 Index: 18070105002800.00  
 Description:  
 SURFACE WATER STATION; DATA MANAGER CODE: 3; AREAL CODE: ; BEGINNING OF RECORD: . ; ELEVATION: 580 ;  
 STATION NAME: TUJUNGA WASH BELOW MOORPARK ; DWR COUNTY CODE: 19; LATITUDE: 340858; LONGITUDE: 1182326;  
 CALIFORNIA COORDINATES:

LAT/LON: 34.149448/-118.390560

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 13.140  
 RF3 Mile Point: 0.19

Agency: 21CAL-1  
 FIPS State/County: 06037 CALIFORNIA/LOS ANGELES  
 STORET Station ID(s): Z6141500 /4052106  
 Within Park Boundary: No

Date Created: 08/27/76

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 0.00  
 Distance from RF3: 0.27

On/Off RF1: OFF  
 On/Off RF3:

### Parameter Inventory for Station: SAMO0004

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/28/74-02/03/75	4	57.5	57.	62.	51.	34.	5.831	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/28/74-02/03/75	3	88.	104.333	169.	56.	3392.333	58.244	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	10/28/74-02/03/75	3	9.1	8.2	9.5	6.	3.67	1.916	**	**	**	**
00310 BOD, 5 DAY, 20 DEG C MG/L	10/28/74-02/03/75	3	15.	29.667	60.	14.	690.333	26.274	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	10/28/74-02/03/75	3	7.4	7.5	8.2	6.9	0.43	0.656	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	10/28/74-02/03/75	3	7.4	7.242	8.2	6.9	0.53	0.728	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/28/74-02/03/75	3	0.04	0.057	0.126	0.006	0.004	0.062	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	10/28/74-02/03/75	3	16.	19.	31.	10.	117.	10.817	**	**	**	**
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/28/74-02/03/75	3	140.	355.333	856.	70.	189225.333	435.	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/28/74-02/03/75	3	0.1	0.07	0.11	0.	0.004	0.061	**	**	**	**
00618 NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/28/74-02/03/75	3	0.9	1.473	2.8	0.72	1.328	1.152	**	**	**	**
00720 CYANIDE, TOTAL (MG/L AS CN) MG/L	10/28/74-02/02/75	3	0.	0.003	0.008	0.	0.005	0.005	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	10/28/74-02/03/75	3	29.	33.667	55.	17.	377.333	19.425	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	10/28/74-02/03/75	3	8.2	9.2	15.	4.4	28.84	5.37	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	10/28/74-02/03/75	3	1.5	2.1	4.	0.8	2.83	1.682	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	10/28/74-02/03/75	3	4.4	4.933	9.	1.4	14.653	3.828	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	10/28/74-02/03/75	3	3.2	4.567	8.	2.5	8.963	2.994	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	10/28/74-02/03/75	3	4.	5.333	8.	4.	5.333	2.309	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	10/28/74-02/03/75	3	11.	15.4	31.	4.2	194.08	13.931	**	**	**	**
01002 ARSENIC, TOTAL (UG/L AS AS)	10/28/74-02/02/75	3	0.	0.	0.	0.	0.	0.	**	**	**	**
01007 BARIUM, TOTAL (UG/L AS Ba)	10/28/74-02/02/75	3	0.	26.667	80.	0.	2133.333	46.188	**	**	**	**
01027 CADMIUM, TOTAL (UG/L AS Cd)	10/28/74-02/02/75	3	5.	7.	16.	0.	67.	8.185	**	**	**	**
01034 CHROMIUM, TOTAL (UG/L AS Cr)	10/28/74-02/02/75	3	10.	15.667	30.	7.	156.333	12.503	**	**	**	**
01042 COPPER, TOTAL (UG/L AS Cu)	10/28/74-02/02/75	3	60.	120.667	250.	52.	12561.333	112.077	**	**	**	**
01045 IRON, TOTAL (UG/L AS Fe)	10/28/74-02/02/75	3	3300.	3900.	6200.	2200.	4270000.	2066.398	**	**	**	**
01051 LEAD, TOTAL (UG/L AS Pb)	12/04/74-02/02/75	2	465.	465.	510.	420.	4050.	63.64	**	**	**	**
01055 MANGANESE, TOTAL (UG/L AS Mn)	10/28/74-02/02/75	3	150.	333.333	730.	120.	118233.333	343.851	**	**	**	**
01067 NICKEL, TOTAL (UG/L AS Ni)	10/28/74-02/02/75	3	30.	39.	67.	20.	613.	24.759	**	**	**	**
01077 SILVER, TOTAL (UG/L AS Ag)	10/28/74-02/02/75	3	0.	0.	0.	0.	0.	0.	**	**	**	**
01092 ZINC, TOTAL (UG/L AS Zn)	10/28/74-02/02/75	3	400.	770.	1640.	270.	571900.	756.241	**	**	**	**
01147 SELENIUM, TOTAL (UG/L AS Se)	10/28/74-02/02/75	3	0.4	1.133	3.	0.	2.653	1.629	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: SAMO0004

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	12/04/74-02/03/75	2	0.03	0.03	0.03	0.029	0.	0.001	**	**	**
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	10/28/74-02/03/75	3	0.023	0.021	0.03	0.01	0.	0.01	**	**	**
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	10/28/74-02/03/75	2	0.02	0.02	0.02	0.02	0.	0.	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	10/28/74-02/03/75	3	0.09	0.089	0.098	0.08	0.	0.009	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	12/04/74-02/03/75	2	0.036	0.036	0.04	0.031	0.	0.006	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	12/04/74-12/04/74	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	12/04/74-02/03/75	2	0.039	0.039	0.05	0.027	0.	0.016	**	**	**
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	12/04/74-02/03/75	2	0.04	0.04	0.04	0.039	0.	0.001	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/28/74-02/03/75	3	3.8	6.467	12.4	3.2	26.493	5.147	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	10/28/74-02/02/75	3	0.2	0.167	0.2	0.1	0.003	0.058	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0004

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	0	0.00	1	0	0.00	2	0	0.00					
00403	PH, LAB	Other-Hi Lim.	9.	3	0	0.00	1	0	0.00	2	0	0.00					
		Other-Lo Lim.	6.5	3	0	0.00	1	0	0.00	2	0	0.00					
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	3	0	0.00	1	0	0.00	2	0	0.00					
00720	CYANIDE, TOTAL	Fresh Acute	0.022	3	0	0.00	1	0	0.00	2	0	0.00					
		Drinking Water	0.2	3	0	0.00	1	0	0.00	2	0	0.00					
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	3	0	0.00	1	0	0.00	2	0	0.00					
		Drinking Water	250.	3	0	0.00	1	0	0.00	2	0	0.00					
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	3	0	0.00	1	0	0.00	2	0	0.00					
01002	ARSENIC, TOTAL	Fresh Acute	360.	3	0	0.00	1	0	0.00	2	0	0.00					
		Drinking Water	50.	3	0	0.00	1	0	0.00	2	0	0.00					
01007	BARIUM, TOTAL	Drinking Water	2000.	3	0	0.00	1	0	0.00	2	0	0.00					
01027	CADMIUM, TOTAL	Fresh Acute	3.9	3	2	0.67	1	1	1.00	2	1	0.50					
		Drinking Water	5.	3	2	0.67	1	1	1.00	2	1	0.50					
01034	CHROMIUM, TOTAL	Drinking Water	100.	3	0	0.00	1	0	0.00	2	0	0.00					
01042	COPPER, TOTAL	Fresh Acute	18.	3	3	1.00	1	1	1.00	2	2	1.00					
		Drinking Water	1300.	3	0	0.00	1	0	0.00	2	0	0.00					
01051	LEAD, TOTAL	Fresh Acute	82.	2	2	1.00				2	2	1.00					
		Drinking Water	15.	2	2	1.00				2	2	1.00					
01067	NICKEL, TOTAL	Fresh Acute	1400.	3	0	0.00	1	0	0.00	2	0	0.00					
		Drinking Water	100.	3	0	0.00	1	0	0.00	2	0	0.00					
01077	SILVER, TOTAL	Fresh Acute	4.1	3	0	0.00	1	0	0.00	2	0	0.00					
		Drinking Water	100.	3	0	0.00	1	0	0.00	2	0	0.00					
01092	ZINC, TOTAL	Fresh Acute	120.	3	3	1.00	1	1	1.00	2	2	1.00					
		Drinking Water	5000.	3	0	0.00	1	0	0.00	2	0	0.00					
01147	SELENIUM, TOTAL	Fresh Acute	20.	3	0	0.00	1	0	0.00	2	0	0.00					
		Drinking Water	50.	3	0	0.00	1	0	0.00	2	0	0.00					
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	2	0	0.00				2	0	0.00					
		Drinking Water	0.2	2	0	0.00				2	0	0.00					
39360	DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	3	0	0.00	1	0	0.00	2	0	0.00					
39365	DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	2	0	0.00	1	0	0.00	1	0	0.00					
39370	DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	3	0	0.00	1	0	0.00	2	0	0.00					
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	2	0	0.00				2	0	0.00					
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	1	0	0.00				1	0	0.00					
		Drinking Water	0.4	1	0	0.00				1	0	0.00					
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	2	0	0.00				2	0	0.00					
		Drinking Water	0.2	2	0	0.00				2	0	0.00					
39782	LINDANE IN WHOLE WATER SAMPLE	Fresh Acute	2.	2	0	0.00				2	0	0.00					
		Drinking Water	0.2	2	0	0.00				2	0	0.00					
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	3	0	0.00	1	0	0.00	2	0	0.00					
71900	MERCURY, TOTAL	Fresh Acute	2.4	3	0	0.00	1	0	0.00	2	0	0.00					
		Drinking Water	2.	3	0	0.00	1	0	0.00	2	0	0.00					

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0005

NPS Station ID: SAMO0005  
 Location: LOS ANGELES RIVER AT RADFORD AVE  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070105  
 Major Basin: LOS ANGELES AREA  
 Minor Basin: LOS ANGELES RIVER  
 RF1 Index: 18070105010  
 RF3 Index: 18070105001117.20

LAT/LON: 34.147504/-118.390837

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 13.140  
 RF3 Mile Point: 17.19

Agency: 21CAL-1  
 FIPS State/County: 06037 CALIFORNIA/LOS ANGELES  
 STORET Station ID(s): Z6170000 /4052108  
 Within Park Boundary: No

Date Created: 08/27/76

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 0.00  
 Distance from RF3: 0.01

On/Off RF1: ON  
 On/Off RF3:

### Description:

SURFACE WATER STATION; DATA MANAGER CODE: 3; AREAL CODE: ; BEGINNING OF RECORD: . ; ELEVATION: 580 ;  
 STATION NAME: LOS ANGELES RIVER AT RADFORD AVE ; DWR COUNTY CODE: 19; LATITUDE: 340851; LONGITUDE: 1182327;  
 CALIFORNIA COORDINATES:

## Parameter Inventory for Station: SAMO0005

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/28/74-02/03/75	3	62.	58.333	62.	51.	40.333	6.351	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/28/74-02/03/75	3	200.	251.	427.	126.	24601.	156.847	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	10/28/74-02/03/75	3	8.4	7.133	9.6	3.4	10.813	3.288	**	**	**	**
00310 BOD, 5 DAY, 20 DEG C MG/L	10/28/74-02/03/75	3	18.	35.333	75.	13.	1186.333	34.443	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	10/28/74-02/03/75	3	7.7	7.667	7.9	7.4	0.063	0.252	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	10/28/74-02/03/75	3	7.7	7.618	7.9	7.4	0.067	0.259	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/28/74-02/03/75	3	0.02	0.024	0.04	0.013	0.	0.014	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	10/28/74-02/03/75	3	31.	39.667	61.	27.	345.333	18.583	**	**	**	**
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/28/74-02/03/75	3	485.	497.	636.	370.	17797.	133.405	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/28/74-02/03/75	3	0.09	0.22	0.5	0.07	0.059	0.243	**	**	**	**
00618 NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/28/74-02/03/75	3	1.1	1.877	3.6	0.93	2.235	1.495	**	**	**	**
00720 CYANIDE, TOTAL (MG/L AS CN) MG/L	10/28/74-02/02/75	3	0.	0.003	0.008	0.	0.	0.005	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	10/28/74-02/03/75	3	72.	81.	130.	41.	2041.	45.177	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	10/28/74-02/03/75	3	21.5	22.9	35.	12.2	131.43	11.464	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	10/28/74-02/03/75	3	3.5	5.367	10.	2.6	16.303	4.038	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	10/28/74-02/03/75	3	11.1	15.033	29.	5.	155.603	12.474	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	10/28/74-02/03/75	3	4.4	6.467	12.	3.	23.453	4.843	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	10/28/74-02/03/75	3	12.	16.667	31.	7.	160.333	12.662	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	10/28/74-02/03/75	3	42.2	51.4	89.	23.	1152.48	33.948	**	**	**	**
01002 ARSENIC, TOTAL (UG/L AS AS)	10/28/74-02/02/75	3	0.	0.	0.	0.	0.	0.	**	**	**	**
01007 BARIUM, TOTAL (UG/L AS Ba)	10/28/74-02/02/75	3	60.	66.667	80.	60.	133.333	11.547	**	**	**	**
01027 CADMIUM, TOTAL (UG/L AS Cd)	10/28/74-02/02/75	3	3.	4.333	10.	0.	26.333	5.132	**	**	**	**
01034 CHROMIUM, TOTAL (UG/L AS Cr)	10/28/74-02/02/75	3	34.	33.	40.	25.	57.	7.55	**	**	**	**
01042 COPPER, TOTAL (UG/L AS Cu)	10/28/74-02/02/75	3	100.	142.	290.	36.	17452.	132.106	**	**	**	**
01045 IRON, TOTAL (UG/L AS Fe)	10/28/74-02/02/75	3	6900.	6300.	7900.	4100.	3880000.	1969.772	**	**	**	**
01051 LEAD, TOTAL (UG/L AS Pb)	12/04/74-02/02/75	2	550.	550.	710.	390.	51200.	226.274	**	**	**	**
01055 MANGANESE, TOTAL (UG/L AS Mn)	10/28/74-02/02/75	3	580.	540.	820.	220.	91200.	301.993	**	**	**	**
01067 NICKEL, TOTAL (UG/L AS Ni)	10/28/74-02/02/75	3	60.	52.333	67.	30.	386.333	19.655	**	**	**	**
01077 SILVER, TOTAL (UG/L AS Ag)	10/28/74-02/02/75	3	0.	2.	6.	0.	12.	3.464	**	**	**	**
01092 ZINC, TOTAL (UG/L AS Zn)	10/28/74-02/02/75	3	510.	676.667	1290.	230.	301733.333	549.303	**	**	**	**
01147 SELENIUM, TOTAL (UG/L AS Se)	10/28/74-02/02/75	3	5.	4.667	9.	0.	20.333	4.509	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: SAMO0005

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39340 GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	10/28/74-02/03/75	3	0.017	0.019	0.03	0.01	0.	0.01	**	**	**	**
39360 DDD IN WHOLE WATER SAMPLE (UG/L)	10/28/74-02/03/75	3	0.04	0.046	0.06	0.038	0.	0.012	**	**	**	**
39365 DDE IN WHOLE WATER SAMPLE (UG/L)	10/28/74-02/03/75	3	0.03	0.035	0.06	0.016	0.001	0.022	**	**	**	**
39370 DDT IN WHOLE WATER SAMPLE (UG/L)	10/28/74-02/03/75	3	0.09	0.107	0.14	0.09	0.001	0.029	**	**	**	**
39380 DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	10/28/74-02/03/75	3	0.05	0.046	0.05	0.037	0.	0.008	**	**	**	**
39420 HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	10/28/74-02/03/75	2	0.028	0.028	0.035	0.02	0.	0.011	**	**	**	**
39782 LINDANE IN WHOLE WATER SAMPLE (UG/L)	10/28/74-02/03/75	3	0.035	0.032	0.04	0.02	0.	0.01	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/28/74-02/03/75	3	4.7	8.267	16.	4.1	44.943	6.704	**	**	**	**
71900 MERCURY, TOTAL (UG/L AS HG)	10/28/74-02/02/75	3	0.4	0.367	0.5	0.2	0.023	0.153	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0005

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	1	0.33	1	1	1.00	2	0	0.00						
00403 PH, LAB	Other-Hi Lim.	9.	3	0	0.00	1	0	0.00	2	0	0.00						
	Other-Lo Lim.	6.5	3	0	0.00	1	0	0.00	2	0	0.00						
00618 NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	3	0	0.00	1	0	0.00	2	0	0.00						
00720 CYANIDE, TOTAL	Fresh Acute	0.022	3	0	0.00	1	0	0.00	2	0	0.00						
	Drinking Water	0.2	3	0	0.00	1	0	0.00	2	0	0.00						
00941 CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	3	0	0.00	1	0	0.00	2	0	0.00						
	Drinking Water	250.	3	0	0.00	1	0	0.00	2	0	0.00						
00946 SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	3	0	0.00	1	0	0.00	2	0	0.00						
01002 ARSENIC, TOTAL	Fresh Acute	360.	3	0	0.00	1	0	0.00	2	0	0.00						
	Drinking Water	50.	3	0	0.00	1	0	0.00	2	0	0.00						
01007 BARIUM, TOTAL	Drinking Water	2000.	3	0	0.00	1	0	0.00	2	0	0.00						
01027 CADMIUM, TOTAL	Fresh Acute	3.9	3	1	0.33	1	1	1.00	2	0	0.00						
	Drinking Water	5.	3	1	0.33	1	1	1.00	2	0	0.00						
01034 CHROMIUM, TOTAL	Drinking Water	100.	3	0	0.00	1	0	0.00	2	0	0.00						
01042 COPPER, TOTAL	Fresh Acute	18.	3	3	1.00	1	1	1.00	2	2	1.00						
	Drinking Water	1300.	3	0	0.00	1	0	0.00	2	0	0.00						
01051 LEAD, TOTAL	Fresh Acute	82.	2	2	1.00				2	2	1.00						
	Drinking Water	15.	2	2	1.00				2	2	1.00						
01067 NICKEL, TOTAL	Fresh Acute	1400.	3	0	0.00	1	0	0.00	2	0	0.00						
	Drinking Water	100.	3	0	0.00	1	0	0.00	2	0	0.00						
01077 SILVER, TOTAL	Fresh Acute	4.1	3	1	0.33	1	1	1.00	2	0	0.00						
	Drinking Water	100.	3	0	0.00	1	0	0.00	2	0	0.00						
01092 ZINC, TOTAL	Fresh Acute	120.	3	3	1.00	1	1	1.00	2	2	1.00						
	Drinking Water	5000.	3	0	0.00	1	0	0.00	2	0	0.00						
01147 SELENIUM, TOTAL	Fresh Acute	20.	3	0	0.00	1	0	0.00	2	0	0.00						
	Drinking Water	50.	3	0	0.00	1	0	0.00	2	0	0.00						
39340 GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	3	0	0.00	1	0	0.00	2	0	0.00						
	Drinking Water	0.2	3	0	0.00	1	0	0.00	2	0	0.00						
39360 DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	3	0	0.00	1	0	0.00	2	0	0.00						
39365 DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	3	0	0.00	1	0	0.00	2	0	0.00						
39370 DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	3	0	0.00	1	0	0.00	2	0	0.00						
39380 DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	3	0	0.00	1	0	0.00	2	0	0.00						
39420 HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	2	0	0.00	1	0	0.00	1	0	0.00						
	Drinking Water	0.2	2	0	0.00	1	0	0.00	1	0	0.00						
39782 LINDANE IN WHOLE WATER SAMPLE	Fresh Acute	2.	3	0	0.00	1	0	0.00	2	0	0.00						
	Drinking Water	0.2	3	0	0.00	1	0	0.00	2	0	0.00						
71851 NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	3	0	0.00	1	0	0.00	2	0	0.00						
71900 MERCURY, TOTAL	Fresh Acute	2.4	3	0	0.00	1	0	0.00	2	0	0.00						
	Drinking Water	2.	3	0	0.00	1	0	0.00	2	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0006

NPS Station ID: SAMO0006  
 Location: LOS ANGELES RIVER @ RADFORD AVE  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070105  
 Major Basin: LOS ANGELES RIVER  
 Minor Basin: VAN NUYS QUADRANGLE F299-R  
 RF1 Index: 18070105010  
 RF3 Index: 18070105000200.00  
 Description:

LAT/LON: 34.147504/-118.390837

Depth of Water: 999  
 Elevation: 0  
 RF1 Mile Point: 13.140  
 RF3 Mile Point: 0.18

Agency: 21CALAFD  
 FIPS State/County: 06037 CALIFORNIA/LOS ANGELES  
 STORET Station ID(s): LARRAD /Z6170000 /TG 23C4H2 1  
 Within Park Boundary: No

Date Created: / /

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 0.00  
 Distance from RF3: 0.02

On/Off RF1: ON  
 On/Off RF3:

## Parameter Inventory for Station: SAMO0006

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/28/74-02/03/75	2	13.65	13.65	16.7	10.6	18.605	4.313	**	**	**
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/28/74-02/03/75	2	56.5	56.5	62.	51.	60.5	7.778	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/74-02/03/75	4	163.	211.75	427.	94.	22562.917	150.21	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/04/74-02/03/75	4	9.	8.075	10.9	3.4	10.756	3.28	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/74-02/03/75	4	15.5	28.25	75.	7.	991.583	31.489	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/04/74-02/03/75	4	7.8	7.775	8.1	7.4	0.089	0.299	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/74-02/03/75	4	7.789	7.697	8.1	7.4	0.097	0.312	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/74-02/03/75	4	0.016	0.02	0.04	0.008	0.	0.014	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	01/04/74-02/03/75	4	35.5	42.75	74.	26.	458.25	21.407	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	01/04/74-02/03/75	4	0.	0.	0.	0.	0.	0.	**	**	**
00547	RESIDUE, TOTAL NON-SETTLEABLE (MG/L)	01/04/74-02/03/75	4	427.5	440.5	636.	271.	24633.667	156.951	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/04/74-02/03/75	4	0.125	0.198	0.47	0.07	0.034	0.186	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/04/74-02/03/75	4	0.995	1.48	3.61	0.32	2.12	1.456	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	01/04/74-02/03/75	4	56.5	69.	130.	33.	1936.667	44.008	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	01/04/74-02/03/75	4	16.85	19.425	35.	9.	135.923	11.659	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/04/74-02/03/75	4	3.25	4.775	10.	2.6	12.269	3.503	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	01/04/74-02/03/75	4	8.05	12.525	29.	5.	128.903	11.354	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	01/04/74-02/03/75	4	3.7	5.35	12.	2.	20.623	4.541	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	01/04/74-02/03/75	4	9.5	14.	31.	6.	135.333	11.633	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	01/04/74-02/03/75	4	32.5	41.25	89.	11.	1176.25	34.297	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	01/04/74-02/03/75	4 ##	2.	2.5	4.	2.	1.	1.	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	01/04/74-02/03/75	4	60.	65.	100.	40.	633.333	25.166	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	01/04/74-02/03/75	4	8.	8.5	17.	1.	53.667	7.326	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/04/74-02/03/75	4	27.	31.	50.	20.	204.	14.283	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	01/04/74-02/03/75	4	70.	121.5	310.	36.	16649.	129.031	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	01/04/74-02/03/75	4	6700.	6350.	7900.	4100.	2596666.667	1611.418	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	01/04/74-02/03/75	3	380.	470.	730.	300.	52300.	228.692	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	01/04/74-02/03/75	4	420.	470.	830.	210.	84466.667	290.631	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	01/04/74-02/03/75	4	45.	44.25	67.	20.	518.917	22.78	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	01/04/74-02/03/75	4 ##	2.5	2.75	5.	1.	3.417	1.848	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	01/04/74-02/03/75	4	360.	555.	1310.	190.	272833.333	522.335	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	01/04/74-02/03/75	4 ##	2.55	3.55	9.	0.1	18.537	4.305	**	**	**
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	01/04/74-02/03/75	4	47000.	54500.	114000.	10000.	2070333333.333	45500.916	**	**	**
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	01/04/74-02/03/75	4	4.642	4.585	5.057	4.	0.208	0.457	**	**	**
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			38463.741							
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/04/74-02/03/75	4	3400.	3600.	5800.	1800.	2746666.667	1657.307	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/04/74-02/03/75	4	3.531	3.52	3.763	3.255	0.044	0.209	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3311.603							

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: SAMO0006

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	01/04/74-02/03/75	4	75500.	144250.	393000.	33000.28182250000.	167875.698	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	01/04/74-02/03/75	4	4.861	4.959	5.594	4.519	0.215	0.464	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =		90967.258								
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	10/28/74-02/03/75	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	10/28/74-02/03/75	3	0.01	0.017	0.03	0.01	0.012	0.012	**	**	**
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	10/28/74-02/03/75	3 ##	0.025	0.027	0.035	0.02	0.008	0.008	**	**	**
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	10/28/74-02/03/75	3 ##	0.02	0.022	0.035	0.01	0.013	0.013	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	10/28/74-02/03/75	3	0.09	0.103	0.14	0.08	0.032	0.032	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	10/28/74-02/03/75	3	0.05	0.043	0.05	0.03	0.012	0.012	**	**	**
39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	10/28/74-02/03/75	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	10/28/74-02/03/75	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	10/28/74-02/03/75	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	10/28/74-02/03/75	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	10/28/74-02/03/75	3	0.02	0.018	0.03	0.005	0.013	0.013	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	10/28/74-02/03/75	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	10/28/74-02/03/75	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
39780	DICOFOL IN WHOLE WATER SAMPLE (UG/L)	10/28/74-02/03/75	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	10/28/74-02/03/75	3	0.03	0.03	0.04	0.02	0.01	0.01	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	01/04/74-02/03/75	4	113.5	147.	297.	64.	10882.	104.317	**	**	**
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	01/04/74-02/03/75	4	4.4	6.55	16.	1.4	41.75	6.461	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	01/04/74-02/03/75	4	0.25	0.263	0.5	0.05	0.049	0.221	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0006

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0.25	1	1	1.00	3	0	0.00						
00403	PH, LAB	Other-Hi Lim.	9.	4	0.00	1	0	0.00	3	0	0.00						
		Other-Lo Lim.	6.5	4	0.00	1	0	0.00	3	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	4	0.00	1	0	0.00	3	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	4	0.00	1	0	0.00	3	0	0.00						
		Drinking Water	250.	4	0.00	1	0	0.00	3	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	4	0.00	1	0	0.00	3	0	0.00						
01002	ARSENIC, TOTAL	Fresh Acute	360.	4	0.00	1	0	0.00	3	0	0.00						
		Drinking Water	50.	4	0.00	1	0	0.00	3	0	0.00						
01007	BARIUM, TOTAL	Drinking Water	2000.	4	0.00	1	0	0.00	3	0	0.00						
01027	CADMIUM, TOTAL	Fresh Acute	3.9	4	0.75	1	1	1.00	3	2	0.67						
		Drinking Water	5.	4	0.50	1	1	1.00	3	1	0.33						
01034	CHROMIUM, TOTAL	Drinking Water	100.	4	0.00	1	0	0.00	3	0	0.00						
01042	COPPER, TOTAL	Fresh Acute	18.	4	1.00	1	1	1.00	3	3	1.00						
		Drinking Water	1300.	4	0.00	1	0	0.00	3	0	0.00						
01051	LEAD, TOTAL	Fresh Acute	82.	3	1.00				3	3	1.00						
		Drinking Water	15.	3	1.00				3	3	1.00						
01067	NICKEL, TOTAL	Fresh Acute	1400.	4	0.00	1	0	0.00	3	0	0.00						
		Drinking Water	100.	4	0.00	1	0	0.00	3	0	0.00						
01077	SILVER, TOTAL	Fresh Acute	4.1	3 &	0.00	1	0	0.00	2	0	0.00						
		Drinking Water	100.	4	0.00	1	0	0.00	3	0	0.00						
01092	ZINC, TOTAL	Fresh Acute	120.	4	1.00	1	1	1.00	3	3	1.00						
		Drinking Water	5000.	4	0.00	1	0	0.00	3	0	0.00						
01147	SELENIUM, TOTAL	Fresh Acute	20.	4	0.00	1	0	0.00	3	0	0.00						
		Drinking Water	50.	4	0.00	1	0	0.00	3	0	0.00						
31503	COLIFORM, TOTAL, MEMBRANE FILTER, DELAY.	Other-Hi Lim.	1000.	4	1.00	1	1	1.00	3	3	1.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	4	1.00	1	1	1.00	3	3	1.00						
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	3	0.00	1	0	0.00	2	0	0.00						
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	3	0.00	1	0	0.00	2	0	0.00						
		Drinking Water	0.2	3	0.00	1	0	0.00	2	0	0.00						
39360	DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	3	0.00	1	0	0.00	2	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



### EPA Water Quality Criteria Analysis for Station: SAMO0006

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
39365 DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	3	0	0.00	1	0	0.00	2	0	0.00						
39370 DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	3	0	0.00	1	0	0.00	2	0	0.00						
39380 DIELDIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	3	0	0.00	1	0	0.00	2	0	0.00						
39388 ENDOSULFAN IN WHOLE WATER SAMPLE	Fresh Acute	0.22	3	0	0.00	1	0	0.00	2	0	0.00						
39390 ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	3	0	0.00	1	0	0.00	2	0	0.00						
	Drinking Water	2.	3	0	0.00	1	0	0.00	2	0	0.00						
39400 TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	3	0	0.00	1	0	0.00	2	0	0.00						
	Drinking Water	3.	3	0	0.00	1	0	0.00	2	0	0.00						
39410 HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	3	0	0.00	1	0	0.00	2	0	0.00						
	Drinking Water	0.4	3	0	0.00	1	0	0.00	2	0	0.00						
39420 HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	3	0	0.00	1	0	0.00	2	0	0.00						
	Drinking Water	0.2	3	0	0.00	1	0	0.00	2	0	0.00						
39782 LINDANE IN WHOLE WATER SAMPLE	Fresh Acute	2.	3	0	0.00	1	0	0.00	2	0	0.00						
	Drinking Water	0.2	3	0	0.00	1	0	0.00	2	0	0.00						
71850 NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	4	0	0.00	1	0	0.00	3	0	0.00						
71900 MERCURY, TOTAL	Fresh Acute	2.4	4	0	0.00	1	0	0.00	3	0	0.00						
	Drinking Water	2.	4	0	0.00	1	0	0.00	3	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0007

NPS Station ID: SAMO0007  
 Location: LOS ANGELES RIVER UPSTREAM OF TIJUNGA WASH  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070105  
 Major Basin: CALIFORNIA  
 Minor Basin: LOS ANGELES RIVER  
 RF1 Index: 18070105  
 RF3 Index: 18070105000900.00  
 Description:

LAT/LON: 34.146671/-118.390837

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 0.00

Agency: 21CAL-4  
 FIPS State/County: 06037 CALIFORNIA/LOS ANGELES  
 STORET Station ID(s): WB0440848182327  
 Within Park Boundary: No

Date Created: 06/06/87

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 0.40  
 Distance from RF3: 0.04

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: SAMO0007

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32101 BROMODICHLOROMETHANE,WHOLE WATER,UG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
32102 CARBON TETRACHLORIDE,WHOLE WATER,UG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
32104 BROMOFORM,WHOLE WATER,UG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
32105 DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
32106 CHLOROFORM,WHOLE WATER,UG/L	03/24/87-03/24/87	1	2.6	2.6	2.6	2.6	0.	0.	**	**	**	**
34010 TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34030 BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	03/24/87-03/24/87	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34301 CHLOROBENZENE TOTWUG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34311 CHLOROETHANE TOTWUG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34371 ETHYLBENZENE TOTWUG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34413 METHYL BROMIDE TOTWUG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34418 METHYL CHLORIDE TOTWUG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34423 METHYLENE CHLORIDE TOTWUG/L	03/24/87-03/24/87	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
34475 TETRACHLOROETHYLENE TOTWUG/L	03/24/87-03/24/87	1	1.	1.	1.	1.	0.	0.	**	**	**	**
34488 TRICHLOROFLUOROMETHANE TOTWUG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34496 1,1-DICHLOROETHANE TOTWUG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34501 1,1-DICHLOROETHYLENE TOTWUG/L	03/24/87-03/24/87	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34506 1,1,1-TRICHLOROETHANE TOTWUG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34511 1,1,2-TRICHLOROETHANE TOTWUG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34516 1,1,2,2-TETRACHLOROETHANE TOTWUG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34531 1,2-DICHLOROETHANE TOTWUG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34536 1,2-DICHLOROBENZENE TOTWUG/L	03/24/87-03/24/87	1	4.4	4.4	4.4	4.4	0.	0.	**	**	**	**
34541 1,2-DICHLOROPROPANE TOTWUG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34546 TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34566 1,3-DICHLOROBENZENE TOTWUG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34571 1,4-DICHLOROBENZENE TOTWUG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34576 2-CHLOROETHYL VINYL ETHER TOTWUG/L	03/24/87-03/24/87	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34668 DICHLORODIFLUOROMETHANE TOTWUG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34699 TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34704 CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39175 VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39180 TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
77093 CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
77128 STYRENE WHOLE WATER,UG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
77651 1,2-DIBROMOETHANE WHOLE WATER,UG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
81595 METHYL ETHYL KETONE WHL WATER SMPL UG/L	03/24/87-03/24/87	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
81596 METHYL-ISOBUTYL KETONE WHL WATER SMPL UG/L	03/24/87-03/24/87	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
81710 M-XYLENE IN THE WHOLE WATER SAMPLE MG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: SAMO0007

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
81711 O-XYLENE IN THE WHOLE WATER SAMPLE MG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0007

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
32101 BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00							1	0	0.00			
32102 CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	1	0	0.00							1	0	0.00			
	Drinking Water	5.	1	0	0.00							1	0	0.00			
32104 BROMOFORM, WHOLE WATER	Drinking Water	100.	1	0	0.00							1	0	0.00			
32105 DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00							1	0	0.00			
32106 CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	1	0	0.00							1	0	0.00			
	Drinking Water	100.	1	0	0.00							1	0	0.00			
34010 TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	1	0	0.00							1	0	0.00			
	Drinking Water	1000.	1	0	0.00							1	0	0.00			
34301 CHLOROBENZENE, TOTAL	Drinking Water	100.	1	0	0.00							1	0	0.00			
34371 ETHYLBENZENE, TOTAL	Fresh Acute	32000.	1	0	0.00							1	0	0.00			
	Drinking Water	700.	1	0	0.00							1	0	0.00			
34423 METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	1	0	0.00							1	0	0.00			
34475 TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	1	0	0.00							1	0	0.00			
	Drinking Water	5.	1	0	0.00							1	0	0.00			
34501 1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	1	0	0.00							1	0	0.00			
34506 1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	1	0	0.00							1	0	0.00			
34511 1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	1	0	0.00							1	0	0.00			
34531 1,2-DICHLOROETHANE, TOTAL	Fresh Acute	118000.	1	0	0.00							1	0	0.00			
	Drinking Water	5.	1	0	0.00							1	0	0.00			
34536 1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00							1	0	0.00			
34541 1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	1	0	0.00							1	0	0.00			
34546 TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	1	0	0.00							1	0	0.00			
34566 1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00							1	0	0.00			
34571 1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	1	0	0.00							1	0	0.00			
39175 VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	1	0	0.00							1	0	0.00			
39180 TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	1	0	0.00							1	0	0.00			
	Drinking Water	5.	1	0	0.00							1	0	0.00			
77093 CIS-1,2-DICHLOROETHYLENE, WHOLE WATER	Drinking Water	70.	1	0	0.00							1	0	0.00			
77128 STYRENE, WHOLE WATER	Drinking Water	100.	1	0	0.00							1	0	0.00			
77651 1,2-DIBROMOETHANE, WHOLE WATER	Drinking Water	0.05	0 &	0	0.00												

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0008

NPS Station ID: SAMO0008      LAT/LON: 34.151115/-118.395004  
 Location: TUJUNGA WASH/300 FT BELOW LAUREL CANYON BLVD.  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070105      Depth of Water: 0  
 Major Basin: CALIFORNIA      Elevation: 0  
 Minor Basin: LOS ANGELES RIVER  
 RF1 Index: 18070105      RF1 Mile Point: 0.000  
 RF3 Index: 18070105000504.62      RF3 Mile Point: 5.85  
 Description:

Agency: 21CAL-4  
 FIPS State/County: 06037 CALIFORNIA/LOS ANGELES  
 STORET Station ID(s): WB0440904182342  
 Within Park Boundary: No

Date Created: 05/02/87

Aquifer:  
 Water Body ID:  
 ECO Region:  
 Distance from RF1: 2.90  
 Distance from RF3: 0.11

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: SAMO0008

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00341 COD, DISSOLVED, .25N K2CR2O7 MG/L	10/31/86-10/31/86	1	49.	49.	49.	49.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	10/31/86-10/31/86	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	10/31/86-10/31/86	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/31/86-10/31/86	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	10/31/86-10/31/86	1	81.	81.	81.	81.	0.	0.	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	10/31/86-10/31/86	1	81.	81.	81.	81.	0.	0.	**	**	**	**
00445 CARBONATE ION (MG/L AS CO3)	10/31/86-10/31/86	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	10/31/86-10/31/86	1	79.	79.	79.	79.	0.	0.	**	**	**	**
00918 CALCIUM, TOTAL RECOVERABLE IN WATER AS Ca MG/L	10/31/86-10/31/86	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00921 MAGNESIUM, TOTAL RECOVERABLE IN WATER AS Mg MG/L	10/31/86-10/31/86	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00923 SODIUM, TOTAL RECOVERABLE IN WATER AS Na MG/L	10/31/86-10/31/86	1	46.	46.	46.	46.	0.	0.	**	**	**	**
00939 POTASSIUM, TOTAL RECOVERABLE IN WATER AS K MG/L	10/31/86-10/31/86	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	10/31/86-10/31/86	1	36.	36.	36.	36.	0.	0.	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	10/31/86-10/31/86	1	57.	57.	57.	57.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	10/31/86-10/31/86	1	0.77	0.77	0.77	0.77	0.	0.	**	**	**	**
00978 ARSENIC, TOTAL RECOVERABLE IN WATER AS As UG/L	10/31/86-10/31/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
00979 COBALT, TOTAL RECOVERABLE IN WATER AS Co UG/L	10/31/86-10/31/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00980 IRON, TOTAL RECOVERABLE IN WATER AS Fe UG/L	10/31/86-10/31/86	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
00981 SELENIUM, TOTAL RECOVERABLE IN WATER AS Se UG/L	10/31/86-10/31/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
00982 THALLIUM, TOTAL RECOVERABLE IN WATER AS Tl UG/L	10/31/86-10/31/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
00983 TIN, TOTAL RECOVERABLE IN WATER AS Sn UG/L	10/31/86-10/31/86	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
00985 VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	10/31/86-10/31/86	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
00998 BERYLLIUM, TOTAL RECOVERABLE IN WATER AS Be UG/L	10/31/86-10/31/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00999 BORON, TOTAL RECOVERABLE IN WATER AS B UG/L	10/31/86-10/31/86	1	490.	490.	490.	490.	0.	0.	**	**	**	**
01009 BARIUM, TOTAL RECOVERABLE IN WATER AS Ba UG/L	10/31/86-10/31/86	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01032 CHROMIUM, HEXAVALENT (UG/L AS Cr)	10/31/86-10/31/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01074 NICKEL, TOTAL RECOVERABLE IN WATER AS Ni UG/L	10/31/86-10/31/86	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01079 SILVER, TOTAL RECOVERABLE IN WATER AS Ag UG/L	10/31/86-10/31/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01094 ZINC, TOTAL RECOVERABLE IN WATER AS Zn UG/L	10/31/86-10/31/86	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01097 ANTIMONY, TOTAL (UG/L AS Sb)	10/31/86-10/31/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01113 CADMIUM, TOTAL RECOVERABLE IN WATER AS Cd UG/L	10/31/86-10/31/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01114 LEAD, TOTAL RECOVERABLE IN WATER AS Pb UG/L	10/31/86-10/31/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01118 CHROMIUM, TOTAL RECOVERABLE IN WATER AS Cr UG/L	10/31/86-10/31/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01119 COPPER, TOTAL RECOVERABLE IN WATER AS Cu UG/L	10/31/86-10/31/86	1	38.	38.	38.	38.	0.	0.	**	**	**	**
01123 MANGANESE, TOTAL RECOVERABLE IN WATER AS Mn UG/L	10/31/86-10/31/86	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01291 CYANIDE, FILTERABLE, TOTAL IN WATER UG/L	10/31/86-10/31/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34200 ACENAPHTHYLENE TOTWUG/L	10/31/86-10/31/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34205 ACENAPHTHENE TOTWUG/L	10/31/86-10/31/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

# Parameter Inventory for Station: SAMO0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34220	ANTHRACENE TOTWUG/L	10/31/86-10/31/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	10/31/86-10/31/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	10/31/86-10/31/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34247	BENZO-A-PYRENE TOTWUG/L	10/31/86-10/31/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	10/31/86-10/31/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	10/31/86-10/31/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	10/31/86-10/31/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	10/31/86-10/31/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	10/31/86-10/31/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34320	CHRYSENE TOTWUG/L	10/31/86-10/31/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34336	DIETHYL PHTHALATE TOTWUG/L	10/31/86-10/31/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34341	DIMETHYL PHTHALATE TOTWUG/L	10/31/86-10/31/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34351	ENDOSULFAN SULFATE TOTWUG/L	10/31/86-10/31/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34356	ENDOSULFAN, BETA TOTWUG/L	10/31/86-10/31/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34361	ENDOSULFAN, ALPHA TOTWUG/L	10/31/86-10/31/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34366	ENDRIN ALDEHYDE TOTWUG/L	10/31/86-10/31/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34376	FLUORANTHENE TOTWUG/L	10/31/86-10/31/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34381	FLUORENE TOTWUG/L	10/31/86-10/31/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	10/31/86-10/31/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34391	HEXACHLOROBUTADIENE TOTWUG/L	10/31/86-10/31/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34396	HEXACHLOROETHANE TOTWUG/L	10/31/86-10/31/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	10/31/86-10/31/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34408	ISOPHORONE TOTWUG/L	10/31/86-10/31/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	10/31/86-10/31/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34433	N-NITROSODIPHENYLAMINE TOTWUG/L	10/31/86-10/31/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34447	NITROBENZENE TOTWUG/L	10/31/86-10/31/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34452	PARACHLOROMETA CRESOL TOTWUG/L	10/31/86-10/31/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34461	PHENANTHRENE TOTWUG/L	10/31/86-10/31/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34469	PYRENE TOTWUG/L	10/31/86-10/31/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	10/31/86-10/31/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	10/31/86-10/31/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34536	1,2-DICHLOROBENZENE TOTWUG/L	10/31/86-10/31/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	10/31/86-10/31/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	10/31/86-10/31/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34566	1,3-DICHLOROBENZENE TOTWUG/L	10/31/86-10/31/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34571	1,4-DICHLOROBENZENE TOTWUG/L	10/31/86-10/31/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34581	2-CHLORONAPHTHALENE TOTWUG/L	10/31/86-10/31/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34586	2-CHLOROPHENOL TOTWUG/L	10/31/86-10/31/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34591	2-NITROPHENOL TOTWUG/L	10/31/86-10/31/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34596	DI-N-OCTYL PHTHALATE TOTWUG/L	10/31/86-10/31/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34601	2,4-DICHLOROPHENOL TOTWUG/L	10/31/86-10/31/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34606	2,4-DIMETHYLPHENOL TOTWUG/L	10/31/86-10/31/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34611	2,4-DINITROTOLUENE TOTWUG/L	10/31/86-10/31/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34616	2,4-DINITROPHENOL TOTWUG/L	10/31/86-10/31/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	10/31/86-10/31/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34626	2,6-DINITROTOLUENE TOTWUG/L	10/31/86-10/31/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34631	3,3'-DICHLOROENZIDINE TOTWUG/L	10/31/86-10/31/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	10/31/86-10/31/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	10/31/86-10/31/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34646	4-NITROPHENOL TOTWUG/L	10/31/86-10/31/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	10/31/86-10/31/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34671	PCB - 1016 TOTWUG/L	10/31/86-10/31/86	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	10/31/86-10/31/86	2 ##	0.251	0.251	0.5	0.001	0.125	0.353	**	**	**	**
34696	NAPHTHALENE TOTWUG/L	10/31/86-10/31/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	10/31/86-10/31/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39045	2,4,5-TP INCLUDES ACIDS & SALTS WATER SAMPL UG/L	10/31/86-10/31/86	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	10/31/86-10/31/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	10/31/86-10/31/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	10/31/86-10/31/86	1 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	10/31/86-10/31/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	10/31/86-10/31/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	10/31/86-10/31/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	10/31/86-10/31/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: SAMO0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	10/31/86-10/31/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	10/31/86-10/31/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	10/31/86-10/31/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	10/31/86-10/31/86	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	10/31/86-10/31/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	10/31/86-10/31/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	10/31/86-10/31/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	10/31/86-10/31/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	10/31/86-10/31/86	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	10/31/86-10/31/86	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	10/31/86-10/31/86	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	10/31/86-10/31/86	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	10/31/86-10/31/86	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	10/31/86-10/31/86	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
39700	HEXACHLORO BENZENE IN WHOLE WATER SAMPLE (UG/L)	10/31/86-10/31/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
70304	SOLIDS, TOTAL DISSOLVED-COND. METER (MG/L)	10/31/86-10/31/86	1	258.	258.	258.	258.	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	10/31/86-10/31/86	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/31/86-10/31/86	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
71901	MERCURY.TOTAL RECOVERABLE IN WATER AS HG UG/L	10/31/86-10/31/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0008

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
			Obs			Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Other-Hi Lim. 9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim. 6.5	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute 860.	1	0	0.00	1	0	0.00									
		Drinking Water 250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water 250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water 4.	1	0	0.00	1	0	0.00									
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Fresh Acute 360.	1	0	0.00	1	0	0.00									
		Drinking Water 50.	1	0	0.00	1	0	0.00									
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Fresh Acute 20.	1	0	0.00	1	0	0.00									
		Drinking Water 50.	1	0	0.00	1	0	0.00									
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS	Fresh Acute 1400.	1	0	0.00	1	0	0.00									
		Drinking Water 2.	0 &	0	0.00												
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS	Fresh Acute 130.	1	0	0.00	1	0	0.00									
		Drinking Water 4.	1	0	0.00	1	0	0.00									
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS BA	Drinking Water 2000.	1	0	0.00	1	0	0.00									
01032	CHROMIUM, HEXAVALENT	Fresh Acute 16.	1	0	0.00	1	0	0.00									
		Drinking Water 100.	1	0	0.00	1	0	0.00									
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Fresh Acute 1400.	1	0	0.00	1	0	0.00									
		Drinking Water 100.	1	0	0.00	1	0	0.00									
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Fresh Acute 4.1	1	0	0.00	1	0	0.00									
		Drinking Water 100.	1	0	0.00	1	0	0.00									
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Fresh Acute 120.	1	0	0.00	1	0	0.00									
		Drinking Water 5000.	1	0	0.00	1	0	0.00									
01097	ANTIMONY, TOTAL	Fresh Acute 88.	1	0	0.00	1	0	0.00									
		Drinking Water 6.	1	0	0.00	1	0	0.00									
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Fresh Acute 3.9	1	0	0.00	1	0	0.00									
		Drinking Water 5.	1	0	0.00	1	0	0.00									
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Fresh Acute 82.	1	0	0.00	1	0	0.00									
		Drinking Water 15.	1	0	0.00	1	0	0.00									
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS C	Drinking Water 100.	1	0	0.00	1	0	0.00									
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Fresh Acute 18.	1	1	1.00	1	1	1.00									
		Drinking Water 1300.	1	0	0.00	1	0	0.00									
01291	CYANIDE, FILTERABLE, TOTAL IN WATER	Fresh Acute 22.	1	0	0.00	1	0	0.00									
		Drinking Water 200.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### EPA Water Quality Criteria Analysis for Station: SAMO0008

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
34205 ACENAPHTHENE, TOTAL	Fresh Acute	1700.	1	0	0.00	1	0	0.00									
34356 ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	0 &	0	0.00												
34361 ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	0 &	0	0.00												
34376 FLUORANTHENE, TOTAL	Fresh Acute	3980.	1	0	0.00	1	0	0.00									
34386 HEXACHLOROCYCLOPENTADIENE	Fresh Acute	7.	1	0	0.00	1	0	0.00									
34386 HEXACHLOROCYCLOPENTADIENE, TOTAL	Drinking Water	50.	1	0	0.00	1	0	0.00									
34391 HEXACHLOROBUTADIENE, TOTAL	Fresh Acute	90.	1	0	0.00	1	0	0.00									
34396 HEXACHLOROETHANE, TOTAL	Fresh Acute	980.	1	0	0.00	1	0	0.00									
34403 IDENO (1,2,3-CD) PYRENE	Drinking Water	0.4	0 &	0	0.00												
34408 ISOPHORONE, TOTAL	Fresh Acute	117000.	1	0	0.00	1	0	0.00									
34447 NITROBENZENE, TOTAL	Fresh Acute	27000.	1	0	0.00	1	0	0.00									
34452 PARACHLOROMETA CRESOL, TOTAL	Fresh Acute	30.	1	0	0.00	1	0	0.00									
34461 PHENANTHRENE, TOTAL	Fresh Acute	30.	1	0	0.00	1	0	0.00									
34536 1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00	1	0	0.00									
34551 1,2,4-TRICHLOROBENZENE, TOTAL	Drinking Water	70.	1	0	0.00	1	0	0.00									
34566 1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00	1	0	0.00									
34571 1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	1	0	0.00	1	0	0.00									
34586 2-CHLOROPHENOL, TOTAL	Fresh Acute	4380.	1	0	0.00	1	0	0.00									
34601 2,4-DICHLOROPHENOL, TOTAL	Fresh Acute	2020.	1	0	0.00	1	0	0.00									
34606 2,4-DIMETHYLPHENOL, TOTAL	Fresh Acute	2120.	1	0	0.00	1	0	0.00									
34611 2,4-DINITROTOLUENE, TOTAL	Fresh Acute	330.	1	0	0.00	1	0	0.00									
34694 PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	Fresh Acute	10200.	2	0	0.00	2	0	0.00									
34696 NAPHTHALENE, TOTAL	Fresh Acute	2300.	1	0	0.00	1	0	0.00									
39032 PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	1	0	0.00	1	0	0.00									
	Drinking Water	1.	0 &	0	0.00												
39045 2,4,5-TP INCLUDES ACIDS & SALTS WATER SA	Drinking Water	50.	1	0	0.00	1	0	0.00									
39100 BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	Fresh Acute	2000.	1	0	0.00	1	0	0.00									
	Drinking Water	6.	1	0	0.00	1	0	0.00									
39300 P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	1	0	0.00	1	0	0.00									
39310 P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	0 &	0	0.00												
39320 P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	1	0	0.00	1	0	0.00									
39330 ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	1	0	0.00	1	0	0.00									
39340 GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	1	0	0.00	1	0	0.00									
	Drinking Water	0.2	0 &	0	0.00												
39370 DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	1	0	0.00	1	0	0.00									
39380 DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	1	0	0.00	1	0	0.00									
39390 ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	0 &	0	0.00												
	Drinking Water	2.	1	0	0.00	1	0	0.00									
39410 HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	0 &	0	0.00												
	Drinking Water	0.4	0 &	0	0.00												
39420 HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	0 &	0	0.00												
	Drinking Water	0.2	0 &	0	0.00												
39700 HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Drinking Water	1.	0 &	0	0.00												
39700 HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	1	0	0.00	1	0	0.00									
71851 NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									
71901 MERCURY, TOTAL RECOVERABLE IN WATER AS HG	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
	Drinking Water	2.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: SAMO0009

NPS Station ID: SAMO0009

Location: NORTH HOLLYWOOD FREEWAY CHANNEL AT HORTENSE ST.

Station Type: /TYP/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 18070105

Major Basin: CALIFORNIA

Minor Basin: LOS ANGELES RIVER

RF1 Index: 18070105

RF3 Index: 18070105001200.00

Description:

LAT/LON: 34.158892/-118.395281

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 0.19

Agency: 21CAL-4

FIPS State/County: 06037 CALIFORNIA/LOS ANGELES

STORET Station ID(s): WB0440932182243

Within Park Boundary: No

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 1.10

Distance from RF3: 0.03

Date Created: 06/06/87

On/Off RF1:

On/Off RF3:

Parameter Inventory for Station: SAMO0009

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
***** No Parameter Data Available for this Station *****												



Station Inventory for Station: SAMO0010

NPS Station ID: SAMO0010  
Location: BALLONA CREEK @ PACIFIC AVENUE  
Station Type: /TYPA/AMBNT/STREAM  
RMI-Indexes:  
RMI-Miles:  
HUC: 18070104  
Major Basin: BALLONA CREEK  
Minor Basin: VENICE QUADRANGLE  
RF1 Index: 18070104003  
RF3 Index: 18070104011102.48  
Description:

LAT/LON: 33.962781/-118.452781  
  
Depth of Water: 999  
Elevation: 0  
  
RF1 Mile Point: 33.900  
RF3 Mile Point: 3.16

Agency: 21CALAFD  
FIPS State/County: 06037 CALIFORNIA/LOS ANGELES  
STORET Station ID(s): BALPAC /TG 31D1E7 1  
Within Park Boundary: No  
  
Aquifer:  
Water Body Id:  
ECO Region:  
Distance from RF1: 21.00  
Distance from RF3: 0.02

Date Created: 06/11/76  
  
  
  
On/Off RF1: ON  
On/Off RF3:

Parameter Inventory for Station: SAMO0010

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
***** No Parameter Data Available for this Station *****												

Station Inventory for Station: SAMO0011

NPS Station ID: SAMO0011  
Location: ALISO CREEK @ BLUM RANCH  
Station Type: /TYPA/AMBNT/STREAM  
RMI-Indexes:  
RMI-Miles:  
HUC: 18070105  
Major Basin: SANTA CLARA RIVER  
Minor Basin: ACTON QUADRANGLE  
RF1 Index: 18070105012  
RF3 Index: 18070105000700.76  
Description:

F375-R

LAT/LON: 34.157226/-118.461116

Depth of Water: 999  
Elevation: 0  
RF1 Mile Point: 5.040  
RF3 Mile Point: 0.78

Agency: 21CALAFD  
FIPS State/County: 06037 CALIFORNIA/LOS ANGELES  
STORET Station ID(s): ALIBLU /TG 189J4D1 1  
Within Park Boundary: No

Aquifer:  
Water Body Id:  
ECO Region:  
Distance from RF1: 0.00  
Distance from RF3: 0.06

Date Created: / /  
  
On/Off RF1: OFF  
On/Off RF3:

Parameter Inventory for Station: SAMO0011

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
***** No Parameter Data Available for this Station *****												

**Station Inventory for Station: SAMO0012**

NPS Station ID: SAMO0012  
Location: LOS ANGELES RIVER @ SEPULVEDA BL  
Station Type: /TYPA/AMBNT/STREAM  
RMI-Indexes:  
RMI-Miles:  
HUC: 18070105  
Major Basin: LOS ANGELES RIVER  
Minor Basin: VAN NUYS QUADRANGLE  
RF1 Index: 18070105012  
RF3 Index: 18070105024800.00  
Description:

LAT/LON: 34.161392/-118.465281  
  
  
  
  
  
  
  
  
  
Depth of Water: 999  
Elevation: 0  
  
RF1 Mile Point: 5.330  
RF3 Mile Point: 0.40

Agency: 21CALAFD  
FIPS State/County: 06037 CALIFORNIA/LOS ANGELES  
STORET Station ID(s): LARSEP /TG 22C2D5 1  
Within Park Boundary: No  
  
  
Aquifer:  
Water Body Id:  
ECO Region:  
Distance from RF1: 0.00  
Distance from RF3: 0.48

Date Created: 06/11/76  
  
  
  
  
  
  
  
  
  
On/Off RF1: OFF  
On/Off RF3:

**Parameter Inventory for Station: SAMO0012**

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
***** No Parameter Data Available for this Station *****												

## Station Inventory for Station: SAMO0013

NPS Station ID: SAMO0013  
 Location: L.A. RIVER/BURBANK BLVD. BRIDGE  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070105  
 Major Basin: CALIFORNIA  
 Minor Basin: LOS ANGELES RIVER  
 RF1 Index: 18070105  
 RF3 Index: 18070105001006.97  
 Description:

LAT/LON: 34.170837/-118.476949

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 7.85

Agency: 21CAL-4  
 FIPS State/County: 06037 CALIFORNIA/LOS ANGELES  
 STORET Station ID(s): WB0441015182837  
 Within Park Boundary: No

Date Created: 05/02/87

Aquifer:  
 Water Body ID:  
 ECO Region:  
 Distance from RF1: 3.80  
 Distance from RF3: 0.02

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: SAMO0013

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00341 COD, DISSOLVED, .25N K2CR2O7 MG/L	10/17/86-10/17/86	1	31.	31.	31.	31.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	10/17/86-10/17/86	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	10/17/86-10/17/86	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/17/86-10/17/86	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	10/17/86-10/17/86	1	133.	133.	133.	133.	0.	0.	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	10/17/86-10/17/86	1	133.	133.	133.	133.	0.	0.	**	**	**	**
00445 CARBONATE ION (MG/L AS CO3)	10/17/86-10/17/86	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	10/17/86-10/17/86	1	170.	170.	170.	170.	0.	0.	**	**	**	**
00918 CALCIUM,TOTAL RECOVERABLE IN WATER AS Ca MG/L	10/17/86-10/17/86	1	42.	42.	42.	42.	0.	0.	**	**	**	**
00921 MAGNESIUM,TOTAL RECOVERABLE IN WATER AS Mg MG/L	10/17/86-10/17/86	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00923 SODIUM,TOTAL RECOVERABLE IN WATER AS Na MG/L	10/17/86-10/17/86	1	89.	89.	89.	89.	0.	0.	**	**	**	**
00939 POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	10/17/86-10/17/86	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00940 CHLORIDE,TOTAL IN WATER MG/L	10/17/86-10/17/86	1	77.	77.	77.	77.	0.	0.	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	10/17/86-10/17/86	1	125.	125.	125.	125.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	10/17/86-10/17/86	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00978 ARSENIC,TOTAL RECOVERABLE IN WATER AS As UG/L	10/17/86-10/17/86	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00979 COBALT,TOTAL RECOVERABLE IN WATER AS Co UG/L	10/17/86-10/17/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00980 IRON,TOTAL RECOVERABLE IN WATER AS Fe UG/L	10/17/86-10/17/86	1	110.	110.	110.	110.	0.	0.	**	**	**	**
00981 SELENIUM,TOTAL RECOVERABLE IN WATER AS Se UG/L	10/17/86-10/17/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
00982 THALLIUM, TOTAL RECOVERABLE IN WATER AS Tl UG/L	10/17/86-10/17/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
00983 TIN,TOTAL RECOVERABLE IN WATER AS Sn UG/L	10/17/86-10/17/86	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
00985 VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	10/17/86-10/17/86	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
00998 BERYLLIUM,TOTAL RECOVERABLE IN WATER AS Be UG/L	10/17/86-10/17/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00999 BORON,TOTAL RECOVERABLE IN WATER AS B UG/L	10/17/86-10/17/86	1	690.	690.	690.	690.	0.	0.	**	**	**	**
01009 BARIUM,TOTAL RECOVERABLE IN WATER AS Ba UG/L	10/17/86-10/17/86	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01032 CHROMIUM, HEXAVALENT (UG/L AS Cr)	10/17/86-10/17/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01074 NICKEL,TOTAL RECOVERABLE IN WATER AS Ni UG/L	10/17/86-10/17/86	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01079 SILVER,TOTAL RECOVERABLE IN WATER AS Ag UG/L	10/17/86-10/17/86	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01094 ZINC,TOTAL RECOVERABLE IN WATER AS Zn UG/L	10/17/86-10/17/86	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01097 ANTIMONY, TOTAL (UG/L AS Sb)	10/17/86-10/17/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01113 CADMIUM,TOTAL RECOVERABLE IN WATER AS Cd UG/L	10/17/86-10/17/86	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01114 LEAD,TOTAL RECOVERABLE IN WATER AS Pb UG/L	10/17/86-10/17/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01118 CHROMIUM TOTAL RECOVERABLE IN WATER AS Cr UG/L	10/17/86-10/17/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01119 COPPER,TOTAL RECOVERABLE IN WATER AS Cu UG/L	10/17/86-10/17/86	1	24.	24.	24.	24.	0.	0.	**	**	**	**
01123 MANGANESE,TOTAL RECOVERABLE IN WATER AS Mn UG/L	10/17/86-10/17/86	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01291 CYANIDE, FILTERABLE, TOTAL IN WATER UG/L	10/17/86-10/17/86	1	43.	43.	43.	43.	0.	0.	**	**	**	**
32101 BROMODICHLOROMETHANE,WHOLE WATER,UG/L	10/12/86-03/24/87	3	1.4	1.433	1.7	1.2	0.063	0.252	**	**	**	**
32102 CARBON TETRACHLORIDE,WHOLE WATER,UG/L	10/12/86-03/24/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: SAMO0013

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
32104	BROMOFORM,WHOLE WATER,UG/L	10/12/86-03/24/87	2##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	10/12/86-03/24/87	2##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
32106	CHLOROFORM,WHOLE WATER,UG/L	10/12/86-03/24/87	3	6.	6.8	8.7	5.7	2.73	1.652	**	**	**	**
34010	TOLUENE IN WTR SMPL GC-MS, HEXADECONE EXTR.(UG/L)	10/12/86-03/24/87	2##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34030	BENZENE IN WTR SMPL GC-MS, HEXADECONE EXTR.(UG/L)	10/12/86-03/24/87	2##	0.175	0.175	0.25	0.1	0.011	0.106	**	**	**	**
34200	ACENAPHTHYLENE TOTWUG/L	10/12/86-10/12/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34205	ACENAPHTHENE TOTWUG/L	10/12/86-10/12/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34220	ANTHRACENE TOTWUG/L	10/12/86-10/12/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	10/12/86-10/12/86	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	10/12/86-10/12/86	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34247	BENZO-A-PYRENE TOTWUG/L	10/12/86-10/12/86	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	10/12/86-10/12/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	10/12/86-10/12/86	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	10/12/86-10/12/86	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	10/12/86-10/12/86	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	10/12/86-10/12/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34301	CHLOROBENZENE TOTWUG/L	10/12/86-03/24/87	2##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34311	CHLOROETHANE TOTWUG/L	10/12/86-03/24/87	2##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34320	CHRYSENE TOTWUG/L	10/12/86-10/12/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34336	DIETHYL PHTHALATE TOTWUG/L	10/12/86-10/12/86	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34341	DIMETHYL PHTHALATE TOTWUG/L	10/12/86-10/12/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34351	ENDOSULFAN SULFATE TOTWUG/L	10/12/86-10/12/86	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34356	ENDOSULFAN, BETA TOTWUG/L	10/12/86-10/12/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34361	ENDOSULFAN, ALPHA TOTWUG/L	10/12/86-10/12/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34366	ENDRIN ALDEHYDE TOTWUG/L	10/12/86-10/12/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	10/12/86-03/24/87	2##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34376	FLUORANTHENE TOTWUG/L	10/12/86-10/12/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34381	FLUORENE TOTWUG/L	10/12/86-10/12/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	10/12/86-10/12/86	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34391	HEXACHLOROBUTADIENE TOTWUG/L	10/12/86-10/12/86	1##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34396	HEXACHLOROETHANE TOTWUG/L	10/12/86-10/12/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	10/12/86-10/12/86	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34408	ISOPHORONE TOTWUG/L	10/12/86-10/12/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34413	METHYL BROMIDE TOTWUG/L	10/12/86-03/24/87	2##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34418	METHYL CHLORIDE TOTWUG/L	10/12/86-03/24/87	2##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	10/12/86-03/24/87	3	7.1	7.233	8.7	5.9	1.973	1.405	**	**	**	**
34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	10/12/86-10/12/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34433	N-NITROSODIPHENYLAMINE TOTWUG/L	10/12/86-10/12/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34447	NITROBENZENE TOTWUG/L	10/12/86-10/12/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34452	PARACHLOROMETA CRESOL TOTWUG/L	10/12/86-10/12/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34461	PHENANTHRENE TOTWUG/L	10/12/86-10/12/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34469	PYRENE TOTWUG/L	10/12/86-10/12/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	10/12/86-03/24/87	3	1.6	2.8	5.2	1.6	4.32	2.078	**	**	**	**
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	10/12/86-03/24/87	2##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34496	1,1-DICHLOROETHANE TOTWUG/L	10/12/86-03/24/87	2##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34501	1,1-DICHLOROETHYLENE TOTWUG/L	10/12/86-03/24/87	2##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	10/12/86-03/24/87	2##	1.225	1.225	2.2	0.25	1.901	1.379	**	**	**	**
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	10/12/86-03/24/87	2##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	10/12/86-03/24/87	2##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34521	BENZO(GHI)PERYLENE,1,2-BENZOPERYLENE TOTWUG/L	10/12/86-10/12/86	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34526	BENZO(A)ANTHRACENE,1,2-BENZANTHRACENE TOTWUG/L	10/12/86-10/12/86	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34531	1,2-DICHLOROETHANE TOTWUG/L	10/12/86-03/24/87	2##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34536	1,2-DICHLOROBENZENE TOTWUG/L	10/12/86-03/24/87	2	9.7	9.7	17.	2.4	106.58	10.324	**	**	**	**
34541	1,2-DICHLOROPROPANE TOTWUG/L	10/12/86-03/24/87	2##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	10/12/86-03/24/87	2##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	10/12/86-10/12/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	10/12/86-10/12/86	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34566	1,3-DICHLOROBENZENE TOTWUG/L	03/24/87-03/24/87	1##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34571	1,4-DICHLOROBENZENE TOTWUG/L	10/12/86-03/24/87	2	1.25	1.25	1.3	1.2	0.005	0.071	**	**	**	**
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	10/12/86-03/24/87	2##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34581	2-CHLORONAPHTHALENE TOTWUG/L	10/12/86-10/12/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34586	2-CHLOROPHENOL TOTWUG/L	10/12/86-10/12/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34591	2-NITROPHENOL TOTWUG/L	10/12/86-10/12/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**

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# Parameter Inventory for Station: SAMO0013

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34596	DI-N-OCTYL PHTHALATE TOTWUG/L	10/12/86-10/12/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34601	2,4-DICHLOROPHENOL TOTWUG/L	10/12/86-10/12/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34606	2,4-DIMETHYLPHENOL TOTWUG/L	10/12/86-10/12/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34611	2,4-DINITROTOLUENE TOTWUG/L	10/12/86-10/12/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34616	2,4-DINITROPHENOL TOTWUG/L	10/12/86-10/12/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	10/12/86-10/12/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34626	2,6-DINITROTOLUENE TOTWUG/L	10/12/86-10/12/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34631	3,3'-DICHLOROENZIDINE TOTWUG/L	10/12/86-10/12/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	10/12/86-10/12/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	10/12/86-10/12/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34646	4-NITROPHENOL TOTWUG/L	10/12/86-10/12/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	10/12/86-10/12/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34668	DICHLORODIFUOROMETHANE TOTWUG/L	10/12/86-03/24/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34671	PCB - 1016 TOTWUG/L	10/12/86-10/12/86	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	10/12/86-10/17/86	2 ##	0.253	0.253	0.5	0.006	0.122	0.349	**	**	**	**
34696	NAPHTHALENE TOTWUG/L	10/12/86-10/12/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	10/12/86-03/24/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	10/12/86-03/24/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	10/12/86-10/12/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39045	2,4,5-TP INCLUDES ACIDS & SALTS WATER SAMPL UG/L	10/17/86-10/17/86	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	10/12/86-10/17/86	2	91.	91.	91.	91.	0.	0.	**	**	**	**
39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	10/12/86-10/12/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	10/12/86-10/12/86	1 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	10/12/86-03/24/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	10/12/86-03/24/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	10/12/86-10/12/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	10/12/86-10/12/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	10/12/86-10/12/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	10/12/86-10/12/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	10/12/86-10/12/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	10/12/86-10/12/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	10/12/86-10/12/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	10/17/86-10/17/86	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	10/12/86-10/12/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	10/12/86-10/12/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	10/12/86-10/12/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	10/12/86-10/12/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	10/12/86-10/12/86	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	10/12/86-10/12/86	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	10/12/86-10/12/86	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	10/12/86-10/12/86	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	10/12/86-10/12/86	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	10/12/86-10/12/86	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
39700	HEXACHLOROENZENE IN WHOLE WATER SAMPLE (UG/L)	10/12/86-10/12/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
70304	SOLIDS, TOTAL DISSOLVED-COND. METER (MG/L)	10/17/86-10/17/86	1	484.	484.	484.	484.	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	10/17/86-10/17/86	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/17/86-10/17/86	1	14.	14.	14.	14.	0.	0.	**	**	**	**
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	10/17/86-10/17/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	10/12/86-03/24/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
77128	STYRENE WHOLE WATER,UG/L	10/12/86-03/24/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
77134	1,3-DIMETHYLBENZENE(M-XYLENE) WHOLE WATER,UG/L	10/12/86-10/12/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
77135	O-XYLENE WHOLE WATER,UG/L	10/12/86-10/12/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	10/12/86-03/24/87	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
81596	METHYL-ISOBUTYL KETONE WHL WATER SMPL UG/L	10/12/86-03/24/87	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
81710	M-XYLENE IN THE WHOLE WATER SAMPLE MG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
81711	O-XYLENE IN THE WHOLE WATER SAMPLE MG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

# EPA Water Quality Criteria Analysis for Station: SAMO0013

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400 PH	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
	Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00940 CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
	Drinking Water	250.	1	0	0.00	1	0	0.00									
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
00978 ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Fresh Acute	360.	1	0	0.00	1	0	0.00									
	Drinking Water	50.	1	0	0.00	1	0	0.00									
00981 SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Fresh Acute	20.	1	0	0.00	1	0	0.00									
	Drinking Water	50.	1	0	0.00	1	0	0.00									
00982 THALLIUM, TOTAL RECOVERABLE IN WATER AS	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
	Drinking Water	2.	0 &	0	0.00												
00998 BERYLLIUM,TOTAL RECOVERABLE IN WATER AS	Fresh Acute	130.	1	0	0.00	1	0	0.00									
	Drinking Water	4.	1	0	0.00	1	0	0.00									
01009 BARIUM,TOTAL RECOVERABLE IN WATER AS BA	Drinking Water	2000.	1	0	0.00	1	0	0.00									
01032 CHROMIUM, HEXAVALENT	Fresh Acute	16.	1	0	0.00	1	0	0.00									
	Drinking Water	100.	1	0	0.00	1	0	0.00									
01074 NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
	Drinking Water	100.	1	0	0.00	1	0	0.00									
01079 SILVER, TOTAL RECOVERABLE IN WATER AS AG	Fresh Acute	4.1	1	0	0.00	1	0	0.00									
	Drinking Water	100.	1	0	0.00	1	0	0.00									
01094 ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Fresh Acute	120.	1	0	0.00	1	0	0.00									
	Drinking Water	5000.	1	0	0.00	1	0	0.00									
01097 ANTIMONY, TOTAL	Fresh Acute	88.	1	0	0.00	1	0	0.00									
	Drinking Water	6.	1	0	0.00	1	0	0.00									
01113 CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Fresh Acute	3.9	1	0	0.00	1	0	0.00									
	Drinking Water	5.	1	0	0.00	1	0	0.00									
01114 LEAD, TOTAL RECOVERABLE IN WATER AS PB	Fresh Acute	82.	1	0	0.00	1	0	0.00									
	Drinking Water	15.	1	0	0.00	1	0	0.00									
01118 CHROMIUM TOTAL RECOVERABLE IN WATER AS C	Drinking Water	100.	1	0	0.00	1	0	0.00									
01119 COPPER, TOTAL RECOVERABLE IN WATER AS CU	Fresh Acute	18.	1	1	1.00	1	1	1.00									
	Drinking Water	1300.	1	0	0.00	1	0	0.00									
01291 CYANIDE, FILTERABLE, TOTAL IN WATER	Fresh Acute	22.	1	1	1.00	1	1	1.00									
	Drinking Water	200.	1	0	0.00	1	0	0.00									
32101 BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	3	0	0.00	2	0	0.00				1	0	0.00			
32102 CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	2	0	0.00	1	0	0.00				1	0	0.00			
	Drinking Water	5.	2	0	0.00	1	0	0.00				1	0	0.00			
32104 BROMOFORM, WHOLE WATER	Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			
32105 DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			
32106 CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	3	0	0.00	2	0	0.00				1	0	0.00			
	Drinking Water	100.	3	0	0.00	2	0	0.00				1	0	0.00			
34010 TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	2	0	0.00	1	0	0.00				1	0	0.00			
	Drinking Water	1000.	2	0	0.00	1	0	0.00				1	0	0.00			
34205 ACENAPHTHENE, TOTAL	Fresh Acute	1700.	1	0	0.00	1	0	0.00									
34301 CHLOROBENZENE, TOTAL	Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			
34356 ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	0 &	0	0.00												
34361 ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	0 &	0	0.00												
34371 ETHYLBENZENE, TOTAL	Fresh Acute	32000.	2	0	0.00	1	0	0.00				1	0	0.00			
	Drinking Water	700.	2	0	0.00	1	0	0.00				1	0	0.00			
34376 FLUORANTHENE, TOTAL	Fresh Acute	3980.	1	0	0.00	1	0	0.00									
34386 HEXACHLOROCYCLOPENTADIENE	Fresh Acute	7.	1	0	0.00	1	0	0.00									
34386 HEXACHLOROCYCLOPENTADIENE, TOTAL	Drinking Water	50.	1	0	0.00	1	0	0.00									
34391 HEXACHLOROBUTADIENE, TOTAL	Fresh Acute	90.	1	0	0.00	1	0	0.00									
34396 HEXACHLOROETHANE, TOTAL	Fresh Acute	980.	1	0	0.00	1	0	0.00									
34403 IDENO (1,2,3-CD) PYRENE	Drinking Water	0.4	0 &	0	0.00												
34408 ISOPHORONE, TOTAL	Fresh Acute	117000.	1	0	0.00	1	0	0.00									
34423 METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	3	3	1.00	2	2	1.00				1	1	1.00			
34447 NITROBENZENE, TOTAL	Fresh Acute	27000.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### EPA Water Quality Criteria Analysis for Station: SAMO0013

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
34452 PARACHLOROMETA CRESOL, TOTAL	Fresh Acute	30.	1	0	0.00	1	0	0.00									
34461 PHENANTHRENE, TOTAL	Fresh Acute	30.	1	0	0.00	1	0	0.00									
34475 TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	3	0	0.00	2	0	0.00									
	Drinking Water	5.	3	1	0.33	2	0	0.00				1	0	0.00			
34501 1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	2	0	0.00	1	0	0.00				1	0	0.00			
34506 1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	2	0	0.00	1	0	0.00				1	0	0.00			
34511 1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	2	0	0.00	1	0	0.00				1	0	0.00			
34531 1,2-DICHLOROETHANE, TOTAL	Fresh Acute	118000.	2	0	0.00	1	0	0.00				1	0	0.00			
	Drinking Water	5.	2	0	0.00	1	0	0.00				1	0	0.00			
34536 1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	2	0	0.00	1	0	0.00				1	0	0.00			
34541 1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	2	0	0.00	1	0	0.00				1	0	0.00			
34546 TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			
34551 1,2,4-TRICHLOROBENZENE, TOTAL	Drinking Water	70.	1	0	0.00	1	0	0.00									
34566 1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00							1	0	0.00			
34571 1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	2	0	0.00	1	0	0.00				1	0	0.00			
34586 2-CHLOROPHENOL, TOTAL	Fresh Acute	4380.	1	0	0.00	1	0	0.00									
34601 2,4-DICHLOROPHENOL, TOTAL	Fresh Acute	2020.	1	0	0.00	1	0	0.00									
34606 2,4-DIMETHYLPHENOL, TOTAL	Fresh Acute	2120.	1	0	0.00	1	0	0.00									
34611 2,4-DINITROTOLUENE, TOTAL	Fresh Acute	330.	1	0	0.00	1	0	0.00									
34694 PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	Fresh Acute	10200.	2	0	0.00	2	0	0.00									
34696 NAPHTHALENE, TOTAL	Fresh Acute	2300.	1	0	0.00	1	0	0.00									
39032 PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	1	0	0.00	1	0	0.00									
	Drinking Water	1.	0 &	0	0.00												
39045 2,4,5-TP INCLUDES ACIDS & SALTS WATER SA	Drinking Water	50.	1	0	0.00	1	0	0.00									
39100 BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	Fresh Acute	2000.	2	0	0.00	2	0	0.00									
	Drinking Water	6.	2	2	1.00	2	2	1.00									
39175 VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	2	0	0.00	1	0	0.00				1	0	0.00			
39180 TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	2	0	0.00	1	0	0.00				1	0	0.00			
	Drinking Water	5.	2	0	0.00	1	0	0.00				1	0	0.00			
39300 P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	1	0	0.00	1	0	0.00									
39310 P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	0 &	0	0.00												
39320 P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	1	0	0.00	1	0	0.00									
39330 ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	1	0	0.00	1	0	0.00									
39340 GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	1	0	0.00	1	0	0.00									
	Drinking Water	0.2	0 &	0	0.00												
39370 DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	1	0	0.00	1	0	0.00									
39380 DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	1	0	0.00	1	0	0.00									
39390 ENDRIIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	0 &	0	0.00												
	Drinking Water	2.	1	0	0.00	1	0	0.00									
39410 HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	0 &	0	0.00												
	Drinking Water	0.4	0 &	0	0.00												
39420 HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	0 &	0	0.00												
	Drinking Water	0.2	0 &	0	0.00												
39700 HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Drinking Water	1.	0 &	0	0.00												
39700 HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	1	0	0.00	1	0	0.00									
71851 NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									
71901 MERCURY,TOTAL RECOVERABLE IN WATER AS HG	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
	Drinking Water	2.	1	0	0.00	1	0	0.00									
77093 CIS-1,2-DICHLOROETHYLENE, WHOLE WATER	Drinking Water	70.	2	0	0.00	1	0	0.00				1	0	0.00			
77128 STYRENE, WHOLE WATER	Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			
77651 1,2-DIBROMOETHANE, WHOLE WATER	Drinking Water	0.05	0 &	0	0.00												

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



## Station Inventory for Station: SAMO0014

NPS Station ID: SAMO0014  
 Location: KENTER CANYON DRAIN @ PICO  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC:  
 Major Basin: SANTA MONICA BAY  
 Minor Basin: BEVERLY HILLS QUADRANGLE  
 RF1 Index:  
 RF3 Index: 18070105034700.00  
 Description:

LAT/LON: 34.006392/-118.491115

Depth of Water: 999  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 0.45

Agency: 21CALAFD  
 FIPS State/County: 06037 CALIFORNIA/  
 STORET Station ID(s): KENPIC /Z5760060 /TG 49A2C5 1  
 Within Park Boundary: Yes

Date Created: 06/11/76

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 10.00  
 Distance from RF3: 0.02

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: SAMO0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/18/74-11/16/79	42	14.4	15.048	23.3	8.9	10.587	3.254	11.28	12.8	17.2	20.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/18/74-05/02/91	140	60.	60.507	74.	46.	37.403	6.116	53.	56.	65.	68.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/18/74-05/02/91	150	1080.	3353.213	42000.	68.	55133777.941	7425.212	265.4	543.75	2060.	6467.
00300	OXYGEN, DISSOLVED MG/L	07/18/74-07/17/85	73	7.	6.397	10.1	0.05	5.685	2.384	3.36	5.	8.1	9.
00310	BOD, 5 DAY, 20 DEG C MG/L	07/18/74-05/02/91	139	9.	16.485	106.	0.5	438.331	20.936	1.	4.	19.	45.
00340	COD, .25N K2CR2O7 MG/L	07/18/74-12/16/87	101	77.	110.931	695.	8.	13443.145	115.945	17.6	41.5	142.	237.8
00403	PH, LAB, STANDARD UNITS SU	07/18/74-05/02/91	148	7.9	7.733	8.9	6.2	0.288	0.537	6.9	7.4	8.1	8.3
00403	CONVERTED PH, LAB, STANDARD UNITS	07/18/74-05/02/91	148	7.9	7.326	8.9	6.2	0.456	0.675	6.9	7.4	8.1	8.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/18/74-05/02/91	148	0.013	0.047	0.631	0.001	0.008	0.091	0.005	0.008	0.04	0.126
00440	BICARBONATE ION (MG/L AS HCO3)	07/18/74-05/02/91	140	201.5	181.95	405.	18.	6875.861	82.921	46.5	117.25	238.	264.6
00445	CARBONATE ION (MG/L AS CO3)	07/18/74-06/21/77	17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/09/80-03/04/83	13	220.	1440.154	9999.	47.	7471329.474	2733.373	48.2	125.	1625.	7263.4
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/09/80-03/04/83	13	32.	146.923	1010.	4.	73176.577	270.512	6.4	16.	190.	686.
00547	RESIDUE, TOTAL NON-SETTLEABLE (MG/L)	01/06/77-03/27/79	10	59.	80.8	240.	2.	6776.4	82.319	3.2	14.75	130.75	235.3
00549	RESIDUE, VOLATILE NONSETTLEABLE (MG/L)	01/06/77-03/27/79	10	21.5	20.08	38.	0.8	181.397	13.468	1.42	7.	31.5	37.8
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	01/06/77-07/16/87	35	2.2	3.943	30.	0.	31.231	5.588	0.5	1.4	4.	11.2
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	07/17/85-12/16/87	5	1.9	2.04	3.1	1.2	0.588	0.767	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/17/79-05/02/91	98	0.25	0.594	4.9	0.005	0.786	0.887	0.005	0.05	0.83	1.643
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/18/74-11/16/79	41	0.08	0.215	1.44	0.	0.105	0.324	0.	0.035	0.271	0.66
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/17/79-05/02/91	88	0.075	0.202	2.6	0.003	0.107	0.327	0.019	0.05	0.285	0.5
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/18/74-05/02/91	133	1.27	1.474	6.32	0.	1.529	1.237	0.005	0.52	2.135	3.296
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/16/79-01/22/80	3	0.1	0.11	0.21	0.02	0.009	0.095	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/80-05/02/91	87	11.9	14.411	58.	0.5	166.3	12.896	0.5	5.	20.	34.92
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	12/27/77-12/16/87	25 ##	0.025	0.716	10.	0.005	4.936	2.222	0.005	0.005	0.025	3.5
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	07/18/74-05/02/91	136	265.	450.838	4640.	19.	461201.307	679.118	72.8	179.	414.	871.6
00916	CALCIUM, TOTAL (MG/L AS Ca)	07/18/74-05/02/91	136	68.	78.758	332.	6.	3471.862	58.923	19.87	43.125	96.6	144.3
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/18/74-05/02/91	136	21.25	61.632	926.	1.	18109.043	134.57	4.	9.55	49.	129.2
00929	SODIUM, TOTAL (MG/L AS Na)	07/18/74-05/02/91	136	102.	440.22	8000.	4.	1323321.649	1150.357	23.57	55.25	249.5	861.4
00937	POTASSIUM, TOTAL MG/L AS K)	07/18/74-05/02/91	135	10.	22.487	300.	0.5	2101.268	45.84	3.6	5.1	18.5	37.84
00940	CHLORIDE, TOTAL IN WATER MG/L	07/18/74-05/02/91	139	122.	985.129	14700.	6.	6945969.563	2635.521	30.	68.	516.	2045.
00945	SULFATE, TOTAL (MG/L AS SO4)	07/18/74-05/02/91	141	145.	224.383	2060.	2.	122247.481	349.639	25.2	69.	203.	396.8
00951	FLUORIDE, TOTAL (MG/L AS F)	12/27/77-05/02/91	82	0.425	0.629	5.8	0.03	0.544	0.738	0.2	0.278	0.773	1.07
00955	SILICA, DISSOLVED (MG/L AS SiO2)	10/22/87-12/16/87	2	4.5	4.5	4.6	4.4	0.02	0.141	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	01/09/80-02/04/90	8 ##	3.75	27.375	186.	1.5	4118.268	64.174	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	12/27/77-05/02/91	56	5.5	10.107	120.	0.5	353.752	18.808	1.	2.5	8.	20.2
01005	BARIUM, DISSOLVED (UG/L AS BA)	01/09/80-02/04/90	6	35.	70.667	219.	10.	6404.667	80.029	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	12/27/77-05/02/91	87	66.	142.437	1400.	5.	51177.877	226.225	29.8	43.	120.	404.
01022	BORON, TOTAL (UG/L AS B)	12/27/77-05/02/91	71	200.	246.088	2060.	0.03	73297.539	270.735	34.	110.	310.	426.

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

# Parameter Inventory for Station: SAMO0014

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01025	CADMIUM, DISSOLVED (UG/L AS CD)	01/09/80-02/04/90	8 ##	5.	19.438	106.	1.5	1245.103	35.286	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	12/27/77-05/02/91	92 ##	5.	7.679	110.	0.5	243.536	15.606	0.5	5.	15.
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	01/09/80-02/04/90	8 ##	12.5	34.75	180.	2.5	3661.571	60.511	**	**	**
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	12/27/77-05/02/91	89 ##	10.	14.466	183.	0.005	400.935	20.023	5.	5.	25.
01034	CHROMIUM, TOTAL (UG/L AS CR)	12/27/77-05/02/91	92 ##	10.	22.283	300.	5.	1708.683	41.336	5.	5.	15.
01040	COPPER, DISSOLVED (UG/L AS CU)	01/09/80-02/04/90	8	32.5	129.125	595.	10.	39784.696	199.461	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	12/27/77-05/02/91	92	20.5	37.489	230.	5.	2386.868	48.856	5.	10.	40.75
01045	IRON, TOTAL (UG/L AS FE)	10/17/77-12/05/91	119	400.	3216.557	56000.	0.2	87068026.45	9331.025	40.	150.	1800.
01046	IRON, DISSOLVED (UG/L AS FE)	01/09/80-02/04/90	8	10650.	20416.25	56000.	90.	591247683.929	24315.585	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	01/09/80-02/04/90	8 ##	22.5	84.875	387.	5.	17668.411	132.923	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	12/27/77-05/02/91	91 ##	14.	37.374	460.	4.	5181.17	71.98	5.	5.	40.
01055	MANGANESE, TOTAL (UG/L AS MN)	10/17/77-05/02/91	116	50.	116.595	2200.	5.	93852.087	306.353	5.	20.25	90.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	01/09/80-02/04/90	7	60.	436.429	2100.	5.	584605.952	764.595	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	01/09/80-02/04/90	8 ##	43.5	182.125	1040.	5.	124704.696	353.136	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	12/27/77-05/02/91	91 ##	7.5	20.956	179.	4.	1066.815	32.662	5.	5.	19.
01075	SILVER, DISSOLVED (UG/L AS AG)	01/09/80-02/04/90	8 ##	5.5	9.225	25.	5.	54.634	7.391	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	12/27/77-05/02/91	89 ##	5.	6.853	100.	0.5	149.551	12.229	0.5	5.	5.
01090	ZINC, DISSOLVED (UG/L AS ZN)	01/09/80-02/04/90	8	147.5	576.125	3440.	22.	1350778.982	1162.23	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	12/27/77-05/02/91	91	100.	136.132	584.	5.	15951.516	126.299	20.	50.	189.
01132	LITHIUM, TOTAL (UG/L AS LI)	10/22/87-12/16/87	2	8.	8.	12.	4.	32.	5.657	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	01/09/80-02/04/90	8 ##	3.75	3.75	5.	2.5	1.786	1.336	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	12/27/77-05/02/91	53 ##	2.5	3.509	50.	0.5	45.957	6.779	1.	1.75	2.5
01220	CHROMIUM, HEXAVALENT, DISSOLVED IN (UG/L AS CR)	01/09/80-02/04/90	8 ##	10.	126.875	763.	10.	69539.268	263.703	**	**	**
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	07/18/74-05/02/91	142	102000.	483512.183	9900000.	100.	*****	1396815.586	16060.	39000.	330000.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	07/18/74-05/02/91	142	5.009	5.036	6.996	2.	0.619	0.787	4.206	4.591	5.519
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	07/18/74-05/02/91	140	8900.	45984.214	3300000.	20.782	00709529.594	279643.898	880.	3050.	23000.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/18/74-05/02/91	140	3.949	3.886	6.519	1.301	0.611	0.782	2.944	3.484	4.362
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/18/74-05/02/91	134	35400.	91801.493	2100000.	50.455	30632591.741	213379.082	4850.	12000.	82700.
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/18/74-05/02/91	134	4.548	4.457	6.322	1.699	0.587	0.766	3.684	4.079	4.918
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/18/74-05/02/91	134	28625	179	GEOMETRIC MEAN =	300.	149410000.	12223.338	**	**	**
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	03/12/91-05/02/91	3	1400.	7900.	22000.	2.477	0.893	0.945	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	03/12/91-05/02/91	3	3.146	3.322	4.342	0.005	0.195	0.442	0.005	0.024	0.05
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	03/12/91-05/02/91	3	2098.411	GEOMETRIC MEAN =	0.09	0.005	0.	0.022	0.005	0.005	0.02
32102	CARBON TETRACHLORIDE, WHOLE WATER,UG/L	07/10/89-07/10/89	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	07/17/85-12/16/87	5	0.01	0.012	0.03	0.003	0.	0.01	**	**	**
34030	BENZENE IN WTR SMPLR GC-MS, HEXADECONE EXTR.(UG/L)	07/10/89-07/10/89	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34253	A-BHC-ALPHA DISSUG/L	05/11/88-12/05/91	40 ##	0.025	0.031	0.25	0.025	0.001	0.036	0.025	0.025	0.025
34352	ENDOSULFAN SULFATE DISSUG/L	02/09/89-12/05/91	30 ##	0.05	0.115	0.5	0.025	0.025	0.158	0.05	0.05	0.05
34357	ENDOSULFAN, BETA DISSUG/L	05/11/88-12/05/91	40 ##	0.05	0.054	0.25	0.025	0.001	0.032	0.05	0.05	0.05
34362	ENDOSULFAN, ALPHA DISSUG/L	05/11/88-12/05/91	40 ##	0.05	0.054	0.25	0.025	0.001	0.032	0.05	0.05	0.05
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	07/15/88-07/10/89	3 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34501	1,1-DICHLOROETHYLENE TOTWUG/L	07/10/89-07/10/89	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34531	1,2-DICHLOROETHANE TOTWUG/L	07/10/89-07/10/89	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34571	1,4-DICHLOROBENZENE TOTWUG/L	07/15/88-07/10/89	3 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34672	PCB - 1016 DISSUG/L	05/11/88-12/05/91	40 ##	0.25	0.239	0.25	0.025	0.002	0.05	0.25	0.25	0.25
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	10/16/80-12/16/87	3	0.22	0.23	0.32	0.15	0.007	0.085	**	**	**
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	07/10/89-07/10/89	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	07/10/89-07/10/89	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	74 ##	0.05	0.093	3.83	0.005	0.195	0.442	0.005	0.024	0.05
39305	O,P' DDT IN WHOLE WATER SAMPLE (UG/L)	09/17/80-03/21/84	32 ##	0.005	0.018	0.09	0.005	0.	0.022	0.005	0.005	0.02
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	74 ##	0.05	0.037	0.25	0.005	0.001	0.033	0.005	0.005	0.05
39315	O,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/17/80-03/21/84	32 ##	0.005	0.039	1.07	0.005	0.035	0.188	0.005	0.005	0.005
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	35	0.02	0.031	0.12	0.005	0.001	0.028	0.005	0.01	0.05
39327	ORTHO PARA DDE IN WHOLE WATER SAMPLE (UG/L)	09/17/80-03/21/84	32	0.03	0.063	0.71	0.005	0.016	0.127	0.005	0.006	0.06
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	74 ##	0.025	0.027	0.25	0.005	0.001	0.035	0.005	0.005	0.025
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	05/11/88-12/05/91	40 ##	0.025	0.031	0.25	0.025	0.001	0.036	0.025	0.025	0.025
39340	GAMMA-BHC(LINDANE), WHOLE WATER,UG/L	09/17/80-12/16/87	34	0.025	0.042	0.36	0.005	0.004	0.064	0.005	0.005	0.05
39352	CHLORDANE(TECH MIX & METABS),DISSOLVED,UG/L	05/11/88-12/05/91	40 ##	0.025	0.031	0.25	0.025	0.001	0.036	0.025	0.025	0.025
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	09/17/80-03/21/84	31 ##	0.005	0.052	1.07	0.005	0.036	0.19	0.005	0.005	0.04
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	09/17/80-03/21/84	31	0.05	0.094	0.71	0.005	0.017	0.132	0.006	0.02	0.11
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	09/17/80-03/21/84	31	0.04	0.166	3.83	0.005	0.464	0.681	0.005	0.005	0.06

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: SAMO0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	74 ##	0.05	0.036	0.25	0.005	0.001	0.033	0.005	0.005	0.05	0.05
39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/16/87	34 ##	0.005	0.119	2.55	0.005	0.208	0.456	0.005	0.005	0.023	0.11
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	74 ##	0.05	0.07	2.55	0.005	0.086	0.294	0.005	0.005	0.05	0.05
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	05/11/88-12/05/91	36 ##	0.5	0.467	0.5	0.025	0.014	0.116	0.425	0.5	0.5	0.5
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	74 ##	0.025	0.03	0.32	0.005	0.002	0.047	0.005	0.009	0.025	0.045
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	74 ##	0.025	0.027	0.25	0.005	0.001	0.032	0.005	0.02	0.025	0.045
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	05/11/88-12/05/91	40 ##	0.25	0.239	0.25	0.025	0.002	0.05	0.25	0.25	0.25	0.25
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	05/11/88-12/05/91	40 ##	0.25	0.239	0.25	0.025	0.002	0.05	0.25	0.25	0.25	0.25
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	10/22/87-12/05/91	42 ##	0.25	0.244	0.5	0.025	0.004	0.063	0.25	0.25	0.25	0.25
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	05/11/88-12/05/91	40 ##	0.25	0.239	0.25	0.025	0.002	0.05	0.25	0.25	0.25	0.25
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	10/22/87-12/05/91	42 ##	0.5	0.458	0.5	0.025	0.014	0.12	0.25	0.5	0.5	0.5
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	05/11/88-12/05/91	40 ##	0.5	0.464	0.5	0.025	0.013	0.116	0.275	0.5	0.5	0.5
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	74 ##	0.025	0.05	0.5	0.005	0.006	0.078	0.008	0.025	0.03	0.13
45501	HYDROCARBON IN WATER, FREON EXT, CHROMAT, IR MG/L	05/11/88-05/02/91	38 ##	0.5	1.834	37.	0.1	35.959	5.997	0.46	0.5	0.825	2.406
46323	DELTA-BHC IN WHOLE WATER SMAPLE (UG/L)	05/11/88-12/05/91	40 ##	0.025	0.031	0.25	0.025	0.001	0.036	0.025	0.025	0.025	0.025
70295	RESIDUE,TOTAL FILTRABLE (DRIED AT ANY TEMP),MG/L	12/27/77-03/27/79	11	235.	813.727	7043.	59.	4279473.818	2068.689	60.6	87.	252.	5718.4
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/21/77-05/02/91	114	672.	1197.149	20024.	48.	5110564.641	2260.656	220.	484.5	822.	2715.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/18/74-02/16/77	16	2871.	5927.	26136.	293.	62743504.667	7921.08	609.4	1383.75	4639.	23217.
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/18/74-05/02/91	134	0.505	0.864	7.73	0.01	1.357	1.165	0.125	0.26	1.063	1.92
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	07/18/74-12/05/90	69	4.5	5.649	32.3	0.	32.1	5.666	0.	1.5	8.2	12.1
71890	MERCURY, DISSOLVED (UG/L AS HG)	01/09/80-02/04/90	8 ##	0.5	2.069	13.	0.05	19.574	4.424	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	12/27/77-05/02/91	116 ##	0.5	0.751	6.	0.05	1.448	1.203	0.05	0.5	0.5	2.36

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0014

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	72 &	13	0.18	31	9	0.29	29	3	0.10	12	1	0.08		
00403	PH, LAB	Other-Hi Lim.	9.	148	0	0.00	49	0	0.00	65	0	0.00	34	0	0.00		
		Other-Lo Lim.	6.5	148	5	0.03	49	2	0.04	65	2	0.03	34	1	0.03		
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	88	2	0.02	34	2	0.06	32	0	0.00	22	0	0.00		
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	133	0	0.00	47	0	0.00	56	0	0.00	30	0	0.00		
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	0	0.00				3	0	0.00					
00720	CYANIDE, TOTAL	Fresh Acute	0.022	11 &	2	0.18	3	1	0.33	4	1	0.25	4	0	0.00		
		Drinking Water	0.2	23 &	1	0.04	4	0	0.00	13	1	0.08	6	0	0.00		
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	139	30	0.22	47	11	0.23	61	14	0.23	31	5	0.16		
		Drinking Water	250.	139	44	0.32	47	17	0.36	61	20	0.33	31	7	0.23		
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	141	29	0.21	48	9	0.19	61	14	0.23	32	6	0.19		
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	82	1	0.01	22	0	0.00	38	1	0.03	22	0	0.00		
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	8	0	0.00				6	0	0.00	2	0	0.00		
		Drinking Water	50.	8	1	0.13				6	1	0.17	2	0	0.00		
01002	ARSENIC, TOTAL	Fresh Acute	360.	56	0	0.00	17	0	0.00	26	0	0.00	13	0	0.00		
		Drinking Water	50.	56	2	0.04	17	0	0.00	26	2	0.08	13	0	0.00		
01005	BARIUM, DISSOLVED	Drinking Water	2000.	6	0	0.00				4	0	0.00	2	0	0.00		
01007	BARIUM, TOTAL	Drinking Water	2000.	87	0	0.00	28	0	0.00	37	0	0.00	22	0	0.00		
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	4 &	3	0.75				3	3	1.00	1	0	0.00		
		Drinking Water	5.	4 &	3	0.75				3	3	1.00	1	0	0.00		
01027	CADMIUM, TOTAL	Fresh Acute	3.9	47 &	7	0.15	17	2	0.12	18	4	0.22	12	1	0.08		
		Drinking Water	5.	47 &	7	0.15	17	2	0.12	18	4	0.22	12	1	0.08		
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	8	1	0.13				6	1	0.17	2	0	0.00		
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	68 &	5	0.07	21	3	0.14	31	1	0.03	16	1	0.06		
		Drinking Water	100.	89	1	0.01	28	1	0.04	38	0	0.00	23	0	0.00		
01034	CHROMIUM, TOTAL	Drinking Water	100.	92	3	0.03	31	1	0.03	38	1	0.03	23	1	0.04		
01040	COPPER, DISSOLVED	Fresh Acute	18.	7 &	6	0.86				5	5	1.00	2	1	0.50		
		Drinking Water	1300.	8	0	0.00				6	0	0.00	2	0	0.00		
01042	COPPER, TOTAL	Fresh Acute	18.	92	51	0.55	31	17	0.55	38	19	0.50	23	15	0.65		
		Drinking Water	1300.	92	0	0.00	31	0	0.00	38	0	0.00	23	0	0.00		

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

# EPA Water Quality Criteria Analysis for Station: SAMO0014

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
01049 LEAD, DISSOLVED	Fresh Acute	82.	8	2	0.25				6	2	0.33	2	0	0.00			
	Drinking Water	15.	7 &	4	0.57				5	3	0.60	2	1	0.50			
01051 LEAD, TOTAL	Fresh Acute	82.	91	7	0.08	31	2	0.06	38	4	0.11	22	1	0.05			
	Drinking Water	15.	83 &	37	0.45	31	11	0.35	31	18	0.58	21	8	0.38			
01065 NICKEL, DISSOLVED	Fresh Acute	1400.	8	0	0.00				6	0	0.00	2	0	0.00			
	Drinking Water	100.	7 &	2	0.29				5	2	0.40	2	0	0.00			
01067 NICKEL, TOTAL	Fresh Acute	1400.	91	0	0.00	31	0	0.00	38	0	0.00	22	0	0.00			
	Drinking Water	100.	91	5	0.05	31	1	0.03	38	2	0.05	22	2	0.09			
01075 SILVER, DISSOLVED	Fresh Acute	4.1	3 &	3	1.00				2	2	1.00	1	1	1.00			
	Drinking Water	100.	8	0	0.00				6	0	0.00	2	0	0.00			
01077 SILVER, TOTAL	Fresh Acute	4.1	22 &	5	0.23	9	2	0.22	9	3	0.33	4	0	0.00			
	Drinking Water	100.	89	1	0.01	29	0	0.00	38	1	0.03	22	0	0.00			
01090 ZINC, DISSOLVED	Fresh Acute	120.	8	7	0.88				6	5	0.83	2	2	1.00			
	Drinking Water	5000.	8	0	0.00				6	0	0.00	2	0	0.00			
01092 ZINC, TOTAL	Fresh Acute	120.	91	37	0.41	31	9	0.29	38	19	0.50	22	9	0.41			
	Drinking Water	5000.	91	0	0.00	31	0	0.00	38	0	0.00	22	0	0.00			
01145 SELENIUM, DISSOLVED	Fresh Acute	20.	8	0	0.00				6	0	0.00	2	0	0.00			
	Drinking Water	50.	8	0	0.00				6	0	0.00	2	0	0.00			
01147 SELENIUM, TOTAL	Fresh Acute	20.	53	1	0.02	15	0	0.00	25	1	0.04	13	0	0.00			
	Drinking Water	50.	53	1	0.02	15	0	0.00	25	1	0.04	13	0	0.00			
01220 CHROMIUM, HEXAVALENT, DISSOLVED	Fresh Acute	16.	8	3	0.38				6	2	0.33	2	1	0.50			
	Drinking Water	100.	8	2	0.25				6	2	0.33	2	0	0.00			
31503 COLIFORM, TOTAL, MEMBRANE FILTER, DELAY.	Other-Hi Lim.	1000.	142	139	0.98	49	49	1.00	62	59	0.95	31	31	1.00			
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	140	136	0.97	48	48	1.00	61	57	0.93	31	31	1.00			
32102 CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	1	0	0.00	1	0	0.00									
	Drinking Water	5.	1	0	0.00	1	0	0.00									
34357 ENDOSULFAN, BETA, DISSOLVED	Fresh Acute	0.22	39 &	0	0.00	13	0	0.00	15	0	0.00	11	0	0.00			
34362 ENDOSULFAN, ALPHA, DISSOLVED	Fresh Acute	0.22	39 &	0	0.00	13	0	0.00	15	0	0.00	11	0	0.00			
34501 1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	1	0	0.00	1	0	0.00									
34531 1,2-DICHLOROETHANE, TOTAL	Fresh Acute	118000.	1	0	0.00	1	0	0.00									
	Drinking Water	5.	1	0	0.00	1	0	0.00									
34571 1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	3	0	0.00	2	0	0.00	1	0	0.00						
39175 VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	1	0	0.00	1	0	0.00									
39180 TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	1	0	0.00	1	0	0.00									
	Drinking Water	5.	1	0	0.00	1	0	0.00									
39300 P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	74	1	0.01	30	0	0.00	26	0	0.00	18	1	0.06			
39310 P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	74	0	0.00	30	0	0.00	26	0	0.00	18	0	0.00			
39320 P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	35	0	0.00	16	0	0.00	12	0	0.00	7	0	0.00			
39330 ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	74	0	0.00	30	0	0.00	26	0	0.00	18	0	0.00			
39340 GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	34	0	0.00	16	0	0.00	11	0	0.00	7	0	0.00			
	Drinking Water	0.2	34	1	0.03	16	0	0.00	11	1	0.09	7	0	0.00			
39352 CHLORDANE(TECH MIX & METABS), DISSOLVED	Fresh Acute	2.4	40	0	0.00	14	0	0.00	15	0	0.00	11	0	0.00			
	Drinking Water	2.	40	0	0.00	14	0	0.00	15	0	0.00	11	0	0.00			
39360 DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	31	1	0.03	14	0	0.00	10	0	0.00	7	1	0.14			
39365 DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	31	0	0.00	14	0	0.00	10	0	0.00	7	0	0.00			
39370 DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	31	1	0.03	14	0	0.00	10	0	0.00	7	1	0.14			
39380 DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	74	0	0.00	30	0	0.00	26	0	0.00	18	0	0.00			
39388 ENDOSULFAN IN WHOLE WATER SAMPLE	Fresh Acute	0.22	34	2	0.06	16	0	0.00	11	1	0.09	7	1	0.14			
39390 ENDRIIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	73 &	1	0.01	29	0	0.00	26	0	0.00	18	1	0.06			
	Drinking Water	2.	74	1	0.01	30	0	0.00	26	0	0.00	18	1	0.06			
39400 TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	36	0	0.00	14	0	0.00	14	0	0.00	8	0	0.00			
	Drinking Water	3.	36	0	0.00	14	0	0.00	14	0	0.00	8	0	0.00			
39410 HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	74	0	0.00	30	0	0.00	26	0	0.00	18	0	0.00			
	Drinking Water	0.4	74	0	0.00	30	0	0.00	26	0	0.00	18	0	0.00			
39420 HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	74	0	0.00	30	0	0.00	26	0	0.00	18	0	0.00			
	Drinking Water	0.2	73 &	0	0.00	29	0	0.00	26	0	0.00	18	0	0.00			
39782 LINDANE IN WHOLE WATER SAMPLE	Fresh Acute	2.	74	0	0.00	30	0	0.00	26	0	0.00	18	0	0.00			
	Drinking Water	0.2	73 &	3	0.04	29	2	0.07	26	1	0.04	18	0	0.00			
71850 NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	69	0	0.00	19	0	0.00	36	0	0.00	14	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### EPA Water Quality Criteria Analysis for Station: SAMO0014

Parameter	Std. Type	Std. Value	Total			-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
			Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
71890	MERCURY, DISSOLVED	2.4	8	1	0.13				6	0	0.00	2	1	0.50			
71900	MERCURY, TOTAL	2.4	8	1	0.13				6	0	0.00	2	1	0.50			
			110 &	5	0.05	41	0	0.00	43	4	0.09	26	1	0.04			
			2.	6	0.05	41	1	0.02	43	4	0.09	26	1	0.04			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### Annual Analysis for 1974 - Station SAMO0014

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/18/74-05/02/91	3	55.	59.	68.	54.	61.	7.81	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/18/74-05/02/91	3	5610.	17536.667	42000.	5000.	448934033.333	21188.063	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	07/18/74-07/17/85	4	5.6	4.8	7.6	0.4	9.66	3.108	**	**	**	**
00310 BOD, 5 DAY, 20 DEG C MG/L	07/18/74-05/02/91	3	14.	23.667	54.	3.	720.333	26.839	**	**	**	**
00340 COD, .25N K2CR2O7 MG/L	07/18/74-12/16/87	3	161.	152.333	213.	83.	4281.333	65.432	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	07/18/74-05/02/91	3	8.	7.4	8.	6.2	1.08	1.039	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	07/18/74-05/02/91	3	8.	6.664	8.	6.2	1.893	1.376	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/18/74-05/02/91	3	0.01	0.217	0.631	0.01	0.129	0.359	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	07/18/74-05/02/91	3	167.	150.	239.	44.	9723.	98.605	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	07/18/74-05/02/91	3	0.02	0.647	1.92	0.	1.216	1.103	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	07/18/74-05/02/91	3	812.	2055.667	4640.	715.	5011436.333	2238.624	**	**	**	**
00916 CALCIUM, TOTAL (MG/L AS Ca)	07/18/74-05/02/91	3	176.	206.	332.	110.	12996.	114.	**	**	**	**
00927 MAGNESIUM, TOTAL (MG/L AS MG)	07/18/74-05/02/91	3	110.	381.	926.	107.	222771.	471.986	**	**	**	**
00929 SODIUM, TOTAL (MG/L AS NA)	07/18/74-05/02/91	3	902.	3204.667	8000.	712.	17255441.333	4153.967	**	**	**	**
00937 POTASSIUM, TOTAL MG/L AS K)	07/18/74-05/02/91	3	37.9	120.667	300.	24.1	24167.943	155.46	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	07/18/74-05/02/91	3	1500.	5780.	14400.	1440.	55729200.	7465.199	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	07/18/74-05/02/91	3	591.	920.	2010.	159.	937731.	968.365	**	**	**	**
31503 COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	07/18/74-05/02/91	4	26300.	37200.	80000.	16200.	899546666.667	29992.443	**	**	**	**
31503 LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	07/18/74-05/02/91	4	4.388	4.472	4.903	4.21	0.108	0.329	**	**	**	**
31503 GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			29665.652								
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/18/74-05/02/91	4	2730.	4945.	14200.	120.	41913966.667	6474.1	**	**	**	**
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/18/74-05/02/91	4	3.299	3.207	4.152	2.079	0.816	0.903	**	**	**	**
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1611.319								
31673 FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/18/74-05/02/91	4	29750.	30700.	58000.	5300.	759486666.667	27558.786	**	**	**	**
31673 LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/18/74-05/02/91	4	4.323	4.283	4.763	3.724	0.28	0.529	**	**	**	**
31673 GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			19198.695								
70507 PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/18/74-05/02/91	3	0.49	0.7	1.51	0.1	0.53	0.728	**	**	**	**
71850 NITRATE NITROGEN,TOTAL (MG/L AS NO3)	07/18/74-12/05/90	3	0.1	2.867	8.5	0.	23.803	4.879	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1975 - Station SAMO0014

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/18/74-05/02/91	5	59.	60.6	68.	55.	32.3	5.683	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/18/74-05/02/91	5	5480.	11048.	34700.	1910.	179457570.	13396.177	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	07/18/74-07/17/85	6	6.75	6.6	9.4	3.6	4.396	2.097	**	**	**	**
00310 BOD, 5 DAY, 20 DEG C MG/L	07/18/74-05/02/91	4	14.	15.25	32.	1.	162.25	12.738	**	**	**	**
00340 COD, .25N K2CR2O7 MG/L	07/18/74-12/16/87	5	218.	178.4	262.	82.	6352.3	79.701	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	07/18/74-05/02/91	5	8.1	7.94	8.2	7.4	0.118	0.344	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	07/18/74-05/02/91	5	8.1	7.817	8.2	7.4	0.137	0.37	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/18/74-05/02/91	5	0.008	0.015	0.04	0.006	0.	0.014	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	07/18/74-05/02/91	5	200.	187.4	210.	133.	971.3	31.166	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	07/18/74-05/02/91	5	0.14	0.482	1.97	0.	0.701	0.837	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	07/18/74-05/02/91	5	657.	1253.2	3970.	267.	2345440.2	1531.483	**	**	**	**
00916 CALCIUM, TOTAL (MG/L AS Ca)	07/18/74-05/02/91	5	106.	139.34	325.	62.1	11746.648	108.382	**	**	**	**
00927 MAGNESIUM, TOTAL (MG/L AS MG)	07/18/74-05/02/91	5	101.	220.42	768.	25.2	95229.992	308.594	**	**	**	**
00929 SODIUM, TOTAL (MG/L AS NA)	07/18/74-05/02/91	5	844.	1987.2	6780.	287.	7293027.7	2700.561	**	**	**	**
00937 POTASSIUM, TOTAL MG/L AS K)	07/18/74-05/02/91	5	33.4	77.1	263.	15.9	11019.815	104.975	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	07/18/74-05/02/91	5	1500.	3481.4	12000.	427.	23026149.8	4798.557	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	07/18/74-05/02/91	5	238.	523.	1630.	128.	394352.	627.975	**	**	**	**
31503 COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	07/18/74-05/02/91	6	74500.	151166.667	478000.	14600.32875830666.667	181316.934	**	**	**	**	**
31503 LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	07/18/74-05/02/91	6	4.791	4.869	5.679	4.164	0.358	0.599	**	**	**	**
31503 GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			73898.043								
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/18/74-05/02/91	6	2650.	2910.	5300.	680.	4686840.	2164.911	**	**	**	**
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/18/74-05/02/91	6	3.358	3.33	3.724	2.833	0.157	0.397	**	**	**	**
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2137.976								

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### Annual Analysis for 1975 - Station SAMO0014

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/18/74-05/02/91	6	30300.	47783.333	122000.	7500. 2048725666.667	45262.851	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/18/74-05/02/91	6	4.463	4.492	5.086	3.875	0.214	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =		31032.952								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/18/74-05/02/91	5	0.59	2.83	7.73	0.08	12.7	**	**	**	**
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	07/18/74-12/05/90	4	0.4	2.375	8.7	0.	17.843	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1976 - Station SAMO0014

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/18/74-05/02/91	7	58.	55.857	63.	49.	22.476	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/18/74-05/02/91	7	4810.	7232.857	26500.	1200.	78216857.143	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/18/74-07/17/85	7	5.5	5.586	8.3	3.1	3.508	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	07/18/74-05/02/91	6	38.	45.	106.	8.	1435.6	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	07/18/74-12/16/87	7	266.	313.429	695.	116.	49037.286	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/18/74-05/02/91	7	7.8	7.843	8.1	7.6	0.04	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/18/74-05/02/91	7	7.8	7.804	8.1	7.6	0.041	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/18/74-05/02/91	7	0.016	0.016	0.025	0.008	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/18/74-05/02/91	7	252.	264.571	405.	207.	4524.619	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/18/74-05/02/91	7	0.23	0.451	1.24	0.	0.258	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	07/18/74-05/02/91	7	508.	905.857	2940.	220.	965412.143	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS Ca)	07/18/74-05/02/91	7	82.4	138.343	288.	64.5	9677.593	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/18/74-05/02/91	7	52.4	135.7	548.	14.4	35841.25	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	07/18/74-05/02/91	7	773.	1189.143	4660.	140.	2469558.81	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	07/18/74-05/02/91	6	30.3	31.117	51.	14.2	217.33	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/18/74-05/02/91	7	836.	2004.714	8500.	156.	8811070.238	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/18/74-05/02/91	7	261.	360.	1169.	111.	135011.333	**	**	**	**
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	07/18/74-05/02/91	7	36000.	75971.429	315000.	1600.11755432380.952	108422.472	**	**	**	**
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	07/18/74-05/02/91	7	4.556	4.51	5.498	3.204	0.495	**	**	**	**
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =		32395.888								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/18/74-05/02/91	7	9800.	10888.571	32400.	20.	118152247.619	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/18/74-05/02/91	7	3.991	3.599	4.511	1.301	1.134	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =		3970.437								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/18/74-05/02/91	7	50800.	68328.571	243000.	200. 6331032380.952	79567.785	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/18/74-05/02/91	7	4.706	4.426	5.386	2.301	0.962	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =		26657.815								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/18/74-05/02/91	6	1.485	2.612	7.57	0.9	6.455	**	**	**	**
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	07/18/74-12/05/90	7	1.	2.	5.5	0.	5.09	**	**	**	**

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### Annual Analysis for 1977 - Station SAMO0014

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/18/74-05/02/91	10	60.	59.7	74.	52.	41.567	52.1	53.75	63.	72.9
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/18/74-05/02/91	10	1875.	6084.4	37600.	94. 133329604.489	11546.844	94.6	315.25	5911.25	34932.5
00300	OXYGEN, DISSOLVED MG/L	07/18/74-07/17/85	5	5.7	5.3	10.1	0.2	14.405	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	07/18/74-05/02/91	9	7.	12.222	38.	1.	184.694	1.	1.	22.5	38.
00340	COD, .25N K2CR2O7 MG/L	07/18/74-12/16/87	8	64.	100.625	256.	12.	7851.411	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/18/74-05/02/91	10	7.5	7.42	8.1	6.3	0.34	6.35	7.025	7.95	8.1
00403	CONVERTED PH, LAB, STANDARD UNITS	07/18/74-05/02/91	10	7.489	7.038	8.1	6.3	0.501	6.35	7.025	7.95	8.1
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/18/74-05/02/91	10	0.032	0.092	0.501	0.008	0.023	0.008	0.011	0.099	0.467
00440	BICARBONATE ION (MG/L AS HCO3)	07/18/74-05/02/91	5	172.	204.	349.	98.	9705.5	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/18/74-05/02/91	6	0.	0.017	0.09	0.	0.001	**	**	**	**

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### Annual Analysis for 1977 - Station SAMO0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	07/18/74-05/02/91	2	673.5	673.5	1249.	98.	662400.5	813.88	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS Ca)	07/18/74-05/02/91	2	60.3	60.3	90.	30.6	1764.18	42.002	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/18/74-05/02/91	2	127.55	127.55	250.	5.1	29988.005	173.17	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS Na)	07/18/74-05/02/91	2	959.65	959.65	1881.	38.3	1697771.645	1302.986	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	07/18/74-05/02/91	2	47.3	47.3	90.	4.6	3646.58	60.387	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/18/74-05/02/91	5	1500.	4061.	14600.	31.	36335241.5	6027.872	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/18/74-05/02/91	6	299.5	524.333	1980.	14.	544003.467	737.566	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	12/27/77-05/02/91	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS Ba)	12/27/77-05/02/91	1	800.	800.	800.	800.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS Cd)	12/27/77-05/02/91	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01032	CHROMIUM, HEXAVALENT (UG/L AS Cr)	12/27/77-05/02/91	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS Cr)	12/27/77-05/02/91	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS Cu)	12/27/77-05/02/91	1	70.	70.	70.	70.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS Fe)	10/17/77-12/05/91	2	3285.	3285.	6420.	150.	19656450.	4433.56	**	**	**	**
01051	LEAD, TOTAL (UG/L AS Pb)	12/27/77-05/02/91	1	100.	100.	100.	100.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS Mn)	10/17/77-05/02/91	2	185.	185.	320.	50.	36450.	190.919	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS Ni)	12/27/77-05/02/91	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS Ag)	12/27/77-05/02/91	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS Zn)	12/27/77-05/02/91	1	267.	267.	267.	267.	0.	0.	**	**	**	**
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	07/18/74-05/02/91	6	176000.	205683.333	510000.	100.31398841666.667	177197.183	**	**	**	**	**
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	07/18/74-05/02/91	6	5.241	4.766	5.708	2.	1.9	1.378	**	**	**	**
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	07/18/74-05/02/91	5	6400.	58320.678	50000.	360.	553993120.	23537.058	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/18/74-05/02/91	5	3.806	3.762	4.699	2.556	0.855	0.924	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/18/74-05/02/91	5	3.806	3.762	4.699	2.556	0.855	0.924	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/18/74-05/02/91	5	3.806	3.762	4.699	2.556	0.855	0.924	**	**	**	**
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/18/74-05/02/91	6	60300.	419608.333	2100000.	50.684719208416.667	827477.618	**	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/18/74-05/02/91	6	4.78	4.614	6.322	1.699	2.417	1.555	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/18/74-05/02/91	6	4.78	4.614	6.322	1.699	2.417	1.555	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/21/77-05/02/91	3	1964.	1754.	3250.	48.	2596276.	1611.296	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/18/74-05/02/91	5	0.29	0.73	2.48	0.13	0.979	0.989	**	**	**	**
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	07/18/74-12/05/90	6	0.	0.075	0.4	0.	0.026	0.16	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS Hg)	12/27/77-05/02/91	1	6.	6.	6.	6.	0.	0.	**	**	**	**

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### Annual Analysis for 1978 - Station SAMO0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/18/74-05/02/91	6	56.5	57.833	64.	55.	10.967	3.312	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/18/74-05/02/91	11	306.	5792.909	42000.	108.	163548471.691	12788.607	108.6	216.	5190.	36520.
00300	OXYGEN, DISSOLVED MG/L	07/18/74-07/17/85	2	6.	6.	8.1	3.9	8.82	2.97	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	07/18/74-05/02/91	9	9.	9.667	23.	3.	36.	6.	3.	5.	12.	23.
00340	COD, .25N K2CR2O7 MG/L	07/18/74-12/16/87	9	93.	135.556	359.	58.	10165.028	100.822	58.	66.	188.5	359.
00403	PH, LAB, STANDARD UNITS SU	07/18/74-05/02/91	10	6.95	7.18	8.1	6.7	0.246	0.496	6.71	6.875	7.55	8.09
00403	CONVERTED PH, LAB, STANDARD UNITS	07/18/74-05/02/91	10	6.947	7.012	8.1	6.7	0.278	0.527	6.71	6.875	7.55	8.09
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/18/74-05/02/91	10	0.113	0.097	0.2	0.008	0.004	0.063	0.008	0.032	0.134	0.195
00440	BICARBONATE ION (MG/L AS HCO3)	07/18/74-05/02/91	9	67.	91.111	231.	37.	4101.611	64.044	37.	49.	123.5	231.
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/18/74-05/02/91	9	1.13	1.574	4.52	0.45	1.601	1.265	0.45	0.79	2.135	4.52
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	07/18/74-05/02/91	7	70.	68.286	111.	32.	758.905	27.548	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS Ca)	07/18/74-05/02/91	7	18.	18.714	28.	7.	55.238	7.432	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/18/74-05/02/91	7	5.	5.286	10.	2.	6.238	2.498	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS Na)	07/18/74-05/02/91	7	24.	20.857	32.	7.	107.143	10.351	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	07/18/74-05/02/91	7	10.	9.714	14.	4.	8.905	2.984	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	07/18/74-05/02/91	9	30.	2155.667	14700.	7.	24349240.5	4934.495	7.	16.	2286.5	14700.
00945	SULFATE, TOTAL (MG/L AS SO4)	07/18/74-05/02/91	9	41.	333.556	2060.	5.	470779.278	686.134	5.	25.5	382.	2060.
00951	FLUORIDE, TOTAL (MG/L AS F)	12/27/77-05/02/91	7	0.4	0.45	1.2	0.05	0.139	0.373	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS Ba)	12/27/77-05/02/91	7	200.	442.857	1400.	50.	245357.143	495.335	**	**	**	**

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### Annual Analysis for 1978 - Station SAMO0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01027	CADMIUM, TOTAL (UG/L AS CD)	12/27/77-05/02/91	7 ##	15.	11.643	15.	1.5	25.56	5.056	**	**	**	**
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	12/27/77-05/02/91	7 ##	2.5	7.714	30.	2.5	101.405	10.07	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	12/27/77-05/02/91	7 ##	10.	21.429	50.	10.	380.952	19.518	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	12/27/77-05/02/91	7 ##	10.	25.714	70.	10.	595.238	24.398	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	10/17/77-12/05/91	7	2800.	10895.714	55200.	150.	394174795.238	19853.836	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	12/27/77-05/02/91	7 ##	25.	32.143	50.	25.	148.81	12.199	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	10/17/77-05/02/91	7	50.	368.571	2200.	10.	655447.619	809.597	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	12/27/77-05/02/91	7 ##	15.	26.429	100.	10.	1055.952	32.495	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	12/27/77-05/02/91	7 ##	10.	10.	10.	0.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	12/27/77-05/02/91	7	200.	212.857	400.	100.	12190.476	110.41	**	**	**	**
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	07/18/74-05/02/91	9	90000.	212777.778	730000.	10000.64937694444.444	254828.755	10000.	51000.	395000.	730000.	
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	07/18/74-05/02/91	9	4.954	5.015	5.863	4.	0.364	0.603	4.	4.615	5.56	5.863
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			103501.389								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/18/74-05/02/91	8	8500.	33525.	200000.	1700.	4585390714.286	67715.513	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/18/74-05/02/91	8	3.889	4.021	5.301	3.23	0.408	0.639	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			10492.291								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/18/74-05/02/91	9	190000.	205555.556	508000.	10000.24067777777.778	155137.931	10000.	80500.	312500.	508000.	
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/18/74-05/02/91	9	5.279	5.129	5.706	4.	0.274	0.523	4.	4.849	5.491	5.706
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			134672.937								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/21/77-05/02/91	1	224.	224.	224.	224.	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/18/74-05/02/91	9	0.15	0.25	1.01	0.06	0.091	0.302	0.06	0.09	0.29	1.01
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	07/18/74-12/05/90	9	5.	6.967	20.	2.	31.28	5.593	2.	3.5	9.45	20.
71900	MERCURY, TOTAL (UG/L AS HG)	12/27/77-05/02/91	7	5.	4.357	6.	2.5	3.143	1.773	**	**	**	**

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### Annual Analysis for 1979 - Station SAMO0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/18/74-05/02/91	12	60.5	60.167	69.	48.	45.424	6.74	49.5	55.	67.	68.7
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/18/74-05/02/91	13	466.	601.231	1470.	68.	182507.692	427.209	74.4	343.	919.5	1366.
00300	OXYGEN, DISSOLVED MG/L	07/18/74-07/17/85	8	7.1	6.038	8.9	1.	6.848	2.617	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	07/18/74-05/02/91	13	12.	13.538	36.	3.	94.603	9.726	3.4	6.	18.5	32.4
00340	COD, .25N K2CR2O7 MG/L	07/18/74-12/16/87	12	39.5	43.833	91.	9.	647.97	25.455	11.4	23.25	60.25	89.2
00403	PH, LAB, STANDARD UNITS SU	07/18/74-05/02/91	12	7.9	7.725	8.3	6.6	0.315	0.561	6.66	7.325	8.1	8.27
00403	CONVERTED PH, LAB, STANDARD UNITS	07/18/74-05/02/91	12	7.889	7.324	8.3	6.6	0.491	0.7	6.66	7.325	8.1	8.27
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/18/74-05/02/91	12	0.013	0.047	0.251	0.005	0.006	0.078	0.005	0.008	0.052	0.223
00440	BICARBONATE ION (MG/L AS HCO3)	07/18/74-05/02/91	12	116.	128.25	291.	18.	6672.386	81.685	19.8	77.5	171.5	278.7
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/17/79-05/02/91	1	0.52	0.52	0.52	0.52	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/17/79-05/02/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/18/74-05/02/91	10	0.61	0.64	1.14	0.2	0.109	0.33	0.201	0.398	0.95	1.136
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	07/18/74-05/02/91	12	87.	143.333	342.	19.	11337.697	106.479	20.2	72.75	242.25	320.7
00916	CALCIUM, TOTAL (MG/L AS Ca)	07/18/74-05/02/91	12	25.	39.392	87.1	6.	793.81	28.175	6.	21.175	68.9	83.59
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/18/74-05/02/91	12	7.15	10.925	30.2	1.	85.486	9.246	1.3	3.45	16.75	28.19
00929	SODIUM, TOTAL (MG/L AS Na)	07/18/74-05/02/91	13	55.	66.9	176.	4.	2406.037	49.051	5.2	35.85	99.25	157.52
00937	POTASSIUM, TOTAL MG/L AS K)	07/18/74-05/02/91	13	4.5	6.277	15.	2.	14.614	3.823	2.	3.85	9.25	13.
00940	CHLORIDE,TOTAL IN WATER MG/L	07/18/74-05/02/91	12	53.	78.5	254.	9.	7171.909	84.687	9.	26.75	76.75	253.1
00945	SULFATE, TOTAL (MG/L AS SO4)	07/18/74-05/02/91	12	55.	76.167	238.	2.	5390.152	73.418	4.1	18.	130.5	219.1
00951	FLUORIDE, TOTAL (MG/L AS F)	12/27/77-05/02/91	3	0.08	0.07	0.1	0.03	0.001	0.036	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS Ba)	12/27/77-05/02/91	2 ##	75.	75.	100.	50.	1250.	35.355	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS Cd)	12/27/77-05/02/91	3 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01032	CHROMIUM, HEXAVALENT (UG/L AS Cr)	12/27/77-05/02/91	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS Cr)	12/27/77-05/02/91	3 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS Cu)	12/27/77-05/02/91	3 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS Fe)	10/17/77-12/05/91	12	995.	2495.833	13900.	170.	14607390.152	3821.962	203.	422.5	3325.	10990.
01051	LEAD, TOTAL (UG/L AS Pb)	12/27/77-05/02/91	3 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS Mn)	10/17/77-05/02/91	12	90.	89.167	160.	30.	1608.333	40.104	33.	52.5	107.5	157.

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1979 - Station SAMO0014

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01067 NICKEL, TOTAL (UG/L AS NI)	12/27/77-05/02/91	3 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01077 SILVER, TOTAL (UG/L AS AG)	12/27/77-05/02/91	3 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01092 ZINC, TOTAL (UG/L AS ZN)	12/27/77-05/02/91	3	340.	286.667	370.	150.	14233.333	119.304	**	**	**	**
31503 COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	07/18/74-05/02/91	13	140000.	220107.692	940000.	400.58398084102.564	241656.955	16640.	77000.	295000.	704000.	5.802
31503 LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	07/18/74-05/02/91	13	5.146	5.024	5.973	2.602	0.655	0.809	3.406	4.88	5.47	5.802
31503 GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			105617.543								
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/18/74-05/02/91	13	12000.	23732.308	120000.	20.	1009783235.897	31777.087	532.	5900.	33500.	88000.
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/18/74-05/02/91	13	4.079	3.939	5.079	1.301	0.866	0.93	2.026	3.763	4.519	4.888
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			8699.592								
31673 FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/18/74-05/02/91	12	54500.	78850.	270000.	100.	7592359090.909	87134.144	2770.	10575.	96750.	258000.
31673 LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/18/74-05/02/91	12	4.73	4.476	5.431	2.	0.845	0.919	2.586	4.013	4.985	5.41
31673 GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			29945.421								
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/21/77-05/02/91	10	406.	476.8	972.	216.	69894.4	264.375	218.	245.	676.	952.
70507 PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/18/74-05/02/91	12	0.21	0.43	1.8	0.03	0.267	0.516	0.036	0.085	0.758	1.506
71850 NITRATE NITROGEN,TOTAL (MG/L AS NO3)	07/18/74-12/05/90	9	2.9	2.983	5.	0.45	2.148	1.465	0.45	2.05	4.45	5.
71900 MERCURY, TOTAL (UG/L AS HG)	12/27/77-05/02/91	13 ##	0.5	0.962	2.5	0.5	0.769	0.877	0.5	0.5	1.5	2.5

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### Annual Analysis for 1980 - Station SAMO0014

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/18/74-05/02/91	16	61.	61.313	69.	57.	10.496	3.24	57.	58.	63.	66.2
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/18/74-05/02/91	17	922.	841.765	1230.	130.	112158.941	334.901	286.	533.	1130.	1221.2
00300 OXYGEN, DISSOLVED MG/L	07/18/74-07/17/85	9	5.6	5.172	7.1	0.05	4.593	2.143	0.05	4.6	6.7	7.1
00310 BOD, 5 DAY, 20 DEG C MG/L	07/18/74-05/02/91	16	14.	21.063	75.	1.	524.463	22.901	1.7	6.	27.	74.3
00340 COD, .25N K2CR2O7 MG/L	07/18/74-12/16/87	16	126.5	118.25	301.	21.	5233.133	72.34	36.4	50.25	156.75	218.4
00403 PH, LAB, STANDARD UNITS SU	07/18/74-05/02/91	17	7.8	7.606	8.3	6.4	0.294	0.543	6.8	7.1	8.05	8.3
00403 CONVERTED PH, LAB, STANDARD UNITS	07/18/74-05/02/91	17	7.8	7.249	8.3	6.4	0.429	0.655	6.8	7.1	8.05	8.3
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/18/74-05/02/91	17	0.016	0.056	0.398	0.005	0.009	0.095	0.005	0.009	0.079	0.18
00440 BICARBONATE ION (MG/L AS HCO3)	07/18/74-05/02/91	16	209.5	183.188	265.	46.	5316.429	72.914	56.5	111.5	242.	261.5
00608 NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/17/79-05/02/91	14	0.29	0.831	4.2	0.01	1.339	1.157	0.013	0.095	1.355	3.02
00615 NITRITE NITROGEN, TOTAL (MG/L AS N)	12/17/79-05/02/91	10	0.105	0.123	0.29	0.005	0.01	0.1	0.007	0.043	0.203	0.288
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	07/18/74-05/02/91	10	1.34	1.684	6.32	0.005	3.206	1.791	0.009	0.64	2.118	5.917
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/80-05/02/91	9	25.7	28.267	51.5	14.8	163.413	12.783	14.8	16.7	39.5	51.5
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	07/18/74-05/02/91	16	240.	240.375	376.	99.	6531.983	80.821	108.1	189.5	293.25	368.3
00916 CALCIUM, TOTAL (MG/L AS Ca)	07/18/74-05/02/91	16	64.95	65.056	113.	15.6	663.993	25.768	28.27	49.525	77.575	110.69
00927 MAGNESIUM, TOTAL (MG/L AS MG)	07/18/74-05/02/91	16	16.15	18.919	59.5	2.4	233.343	15.276	3.45	11.375	19.25	53.69
00929 SODIUM, TOTAL (MG/L AS Na)	07/18/74-05/02/91	16	85.6	79.638	179.	13.2	1788.407	42.29	26.36	37.55	103.75	138.4
00937 POTASSIUM, TOTAL MG/L AS K)	07/18/74-05/02/91	16	8.5	12.1	53.	0.5	141.928	11.913	4.28	6.625	12.075	29.9
00940 CHLORIDE,TOTAL IN WATER MG/L	07/18/74-05/02/91	15	95.	88.933	142.	18.	1704.21	41.282	26.4	45.	123.	140.2
00945 SULFATE, TOTAL (MG/L AS SO4)	07/18/74-05/02/91	16	131.5	134.25	280.	16.	4031.4	63.493	39.8	106.25	168.5	235.2
00951 FLUORIDE, TOTAL (MG/L AS F)	12/27/77-05/02/91	5	0.32	0.28	0.39	0.1	0.013	0.112	**	**	**	**
01007 BARIUM, TOTAL (UG/L AS Ba)	12/27/77-05/02/91	1	486.	486.	486.	486.	0.	0.	**	**	**	**
01027 CADMIUM, TOTAL (UG/L AS Cd)	12/27/77-05/02/91	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01032 CHROMIUM, HEXAVALENT (UG/L AS CR)	12/27/77-05/02/91	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01034 CHROMIUM, TOTAL (UG/L AS CR)	12/27/77-05/02/91	1	47.	47.	47.	47.	0.	0.	**	**	**	**
01042 COPPER, TOTAL (UG/L AS CU)	12/27/77-05/02/91	1	88.	88.	88.	88.	0.	0.	**	**	**	**
01045 IRON, TOTAL (UG/L AS FE)	10/17/77-12/05/91	14	579.5	9630.286	56000.	5.	399925291.297	19998.132	5.	177.	6650.	56000.
01051 LEAD, TOTAL (UG/L AS PB)	12/27/77-05/02/91	1	28.	28.	28.	28.	0.	0.	**	**	**	**
01055 MANGANESE, TOTAL (UG/L AS MN)	10/17/77-05/02/91	13	68.	220.769	2100.	19.	320512.692	566.138	19.4	26.5	110.	1320.
01067 NICKEL, TOTAL (UG/L AS NI)	12/27/77-05/02/91	1	50.	50.	50.	50.	0.	0.	**	**	**	**
01077 SILVER, TOTAL (UG/L AS AG)	12/27/77-05/02/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01092 ZINC, TOTAL (UG/L AS ZN)	12/27/77-05/02/91	1	265.	265.	265.	265.	0.	0.	**	**	**	**
31503 COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	07/18/74-05/02/91	16	385000.	1225625.	9900000.	8000.	*****	2465415.31	10800.	48500.	867500.	4930000.
31503 LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	07/18/74-05/02/91	16	5.572	5.449	6.996	3.903	0.742	0.862	4.026	4.676	5.936	6.612
31503 GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			280965.097								

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### Annual Analysis for 1980 - Station SAMO0014

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/18/74-05/02/91	16	20000.	238502.5	3300000.						
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/18/74-05/02/91	16	4.301	4.37	6.519	2.973	0.623	0.789	3.373	4.041	5.651
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/18/74-05/02/91	16	23448.239								
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	07/18/74-05/02/91	14	39000.	100500.	490000.	5500.2088	1000000.	144502.595	7500.	12000.	395000.
31673	LOG FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	07/18/74-05/02/91	14	4.586	4.616	5.69	3.74	0.366	0.605	3.859	4.079	5.584
31673	GM FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	07/18/74-05/02/91	14	41324.388								
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	2	0.08	0.08	0.12	0.04	0.003	0.057	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	2	0.055	0.055	0.09	0.02	0.002	0.049	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	2 ##	0.028	0.028	0.05	0.005	0.001	0.032	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	2 ##	0.048	0.048	0.09	0.005	0.004	0.06	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	2 ##	0.033	0.033	0.06	0.005	0.002	0.039	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	2 ##	0.063	0.063	0.12	0.005	0.007	0.081	**	**	**
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	2 ##	0.113	0.113	0.22	0.005	0.023	0.152	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	06/21/77-05/02/91	16	634.5	560.5	848.	117.	49919.067	223.426	196.8	335.	817.2
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/18/74-05/02/91	14	0.76	0.795	2.18	0.2	0.251	0.501	0.235	0.375	1.675
71850	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	07/18/74-12/05/90	2	16.7	16.7	32.3	1.1	486.72	22.062	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	12/27/77-05/02/91	14 ##	0.05	0.214	1.	0.05	0.087	0.295	0.05	0.05	0.75

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### Annual Analysis for 1981 - Station SAMO0014

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/18/74-05/02/91	11	64.	63.364	72.	54.	44.055	6.637	54.2	58.	72.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/18/74-05/02/91	11	1010.	1131.364	3790.	262.	883930.255	940.176	282.6	674.	3306.
00300	OXYGEN, DISSOLVED MG/L	07/18/74-07/17/85	9	4.4	5.156	9.	2.4	4.135	2.034	2.4	3.9	9.
00310	BOD, 5 DAY, 20 DEG C MG/L	07/18/74-05/02/91	11	25.	36.636	91.	3.	911.455	30.19	4.4	10.	86.6
00340	COD, .25N K2CR2O7 MG/L	07/18/74-12/16/87	11	94.	90.	215.	31.	3049.2	55.22	32.2	39.	201.4
00403	PH, LAB, STANDARD UNITS SU	07/18/74-05/02/91	11	7.8	7.736	8.2	7.	0.139	0.372	7.04	7.6	8.2
00403	CONVERTED PH, LAB, STANDARD UNITS	07/18/74-05/02/91	11	7.8	7.572	8.2	7.	0.168	0.41	7.04	7.6	8.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/18/74-05/02/91	11	0.016	0.027	0.1	0.006	0.001	0.029	0.006	0.01	0.093
00440	BICARBONATE ION (MG/L AS HCO3)	07/18/74-05/02/91	10	212.5	190.3	268.	44.	5994.456	77.424	46.3	139.	266.8
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/17/79-05/02/91	11	0.06	0.332	2.5	0.005	0.536	0.732	0.005	0.005	2.068
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/17/79-05/02/91	11	0.05	0.085	0.32	0.005	0.009	0.092	0.005	0.02	0.284
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/18/74-05/02/91	11	0.08	0.833	3.86	0.005	1.494	1.222	0.005	0.005	3.502
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/80-05/02/91	10	20.85	21.19	37.5	9.5	82.079	9.06	9.67	13.525	37.24
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	07/18/74-05/02/91	11	210.	234.818	438.	68.	12677.364	112.594	76.6	186.	432.6
00916	CALCIUM, TOTAL (MG/L AS Ca)	07/18/74-05/02/91	11	71.3	76.418	152.3	25.2	1131.952	33.644	28.62	59.1	141.82
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/18/74-05/02/91	11	8.3	10.618	39.	1.2	109.472	10.463	1.2	4.9	34.3
00929	SODIUM, TOTAL (MG/L AS NA)	07/18/74-05/02/91	10	120.	165.7	682.	23.5	36109.178	190.024	24.2	60.125	633.3
00937	POTASSIUM, TOTAL MG/L AS K)	07/18/74-05/02/91	10	12.25	11.12	16.	4.8	23.451	4.843	4.82	5.675	16.
00940	CHLORIDE, TOTAL IN WATER MG/L	07/18/74-05/02/91	10	87.5	193.1	1100.	30.	104047.878	322.565	32.	54.5	1010.8
00945	SULFATE, TOTAL (MG/L AS SO4)	07/18/74-05/02/91	10	109.	118.	200.	46.	2330.667	48.277	48.4	82.	196.
00951	FLUORIDE, TOTAL (MG/L AS F)	12/27/77-05/02/91	2	0.3	0.3	0.38	0.22	0.013	0.113	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	12/27/77-05/02/91	9	75.	117.222	395.	39.	12515.194	111.871	39.	43.	395.
01027	CADMIUM, TOTAL (UG/L AS CD)	12/27/77-05/02/91	9	2.	13.333	60.	0.5	464.437	21.551	0.5	0.75	60.
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	12/27/77-05/02/91	9 ##	25.	39.444	183.	5.	3003.778	54.807	5.	15.	183.
01034	CHROMIUM, TOTAL (UG/L AS CR)	12/27/77-05/02/91	9 ##	16.	19.333	50.	5.	284.25	16.86	5.	5.	50.
01042	COPPER, TOTAL (UG/L AS CU)	12/27/77-05/02/91	9	27.	51.	216.	5.	4415.25	66.447	5.	9.	216.
01045	IRON, TOTAL (UG/L AS FE)	10/17/77-12/05/91	11	608.	2257.182	10000.	200.	9420739.764	3069.322	215.	350.	8976.
01051	LEAD, TOTAL (UG/L AS PB)	12/27/77-05/02/91	9	27.	29.667	73.	5.	463.25	21.523	5.	11.	73.
01055	MANGANESE, TOTAL (UG/L AS MN)	10/17/77-05/02/91	11	65.	77.455	220.	5.	3471.073	58.916	11.2	40.	204.
01067	NICKEL, TOTAL (UG/L AS NI)	12/27/77-05/02/91	9	14.	39.333	179.	5.	3088.	55.57	5.	5.	179.
01077	SILVER, TOTAL (UG/L AS AG)	12/27/77-05/02/91	9 ##	5.	5.822	12.4	5.	6.084	2.467	5.	5.	12.4
01092	ZINC, TOTAL (UG/L AS ZN)	12/27/77-05/02/91	9	100.	166.	560.	50.	24108.75	155.27	50.	79.5	560.
31503	COLIFORM, TOT, MEMBR FILTER, DELAYED, M-ENDO MED, 35 C	07/18/74-05/02/91	11	540000.	2582727.273	9900000.	300000.	*****	3298906.155	332000.	470000.	9200000.

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### Annual Analysis for 1981 - Station SAMO0014

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31503 LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	07/18/74-05/02/91	11	5.732	6.082	6.996	5.477	0.306	0.553	5.514	5.672	6.771	6.958
31503 GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	07/18/74-05/02/91	11	20000.	37636.364	150000.	4000.	1761054545.455	41964.92	5800.	15000.	61000.	132800.
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/18/74-05/02/91	11	4.301	4.385	5.176	3.602	0.178	0.422	3.704	4.176	4.785	5.102
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/18/74-05/02/91	11	31000.	50381.818	161000.	3600.	2606995636.364	51058.747	3760.	8200.	94000.	150800.
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/18/74-05/02/91	11	4.491	4.437	5.207	3.556	0.316	0.562	3.574	3.914	4.973	5.174
31673 LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/18/74-05/02/91	11	0.005	0.016	0.06	0.005	0.	0.022	**	**	**	**
31673 GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/18/74-05/02/91	11	0.005	0.016	0.07	0.005	0.001	0.028	**	**	**	**
31673 GEOMETRIC MEAN =	07/18/74-05/02/91	11	0.035	0.048	0.17	0.005	0.003	0.054	**	**	**	**
39300 P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	8 ##	0.005	0.016	0.07	0.005	0.001	0.023	**	**	**	**
39310 P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	8 ##	0.005	0.016	0.07	0.005	0.001	0.023	**	**	**	**
39330 ALDRIN IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	8	0.035	0.048	0.17	0.005	0.003	0.054	**	**	**	**
39380 DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	8 ##	0.005	0.016	0.07	0.005	0.001	0.023	**	**	**	**
39390 ENDRIN IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	8 ##	0.005	0.016	0.07	0.005	0.001	0.023	**	**	**	**
39410 HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	8	0.03	0.061	0.32	0.005	0.011	0.106	**	**	**	**
39420 HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	8	0.035	0.037	0.07	0.005	0.001	0.025	**	**	**	**
39782 LINDANE IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	8	0.14	0.203	0.5	0.1	0.018	0.136	**	**	**	**
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/21/77-05/02/91	11	656.	721.	2224.	176.	292990.6	541.286	194.8	392.	736.	1956.2
70507 PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/18/74-05/02/91	11	1.04	1.297	3.21	0.2	0.944	0.972	0.242	0.59	2.41	3.054
71900 MERCURY, TOTAL (UG/L AS HG)	12/27/77-05/02/91	11 ##	0.2	0.414	2.3	0.05	0.43	0.656	0.05	0.05	0.5	1.94

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### Annual Analysis for 1982 - Station SAMO0014

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/18/74-05/02/91	12	66.5	64.083	70.	52.	33.72	5.807	52.9	60.5	68.	69.7
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/18/74-05/02/91	13	1000.	1131.615	4640.	155.	1240725.59	1113.879	239.4	466.5	1073.5	3341.6
00300 OXYGEN, DISSOLVED MG/L	07/18/74-07/17/85	9	8.1	8.311	10.	6.8	1.009	1.004	6.8	7.8	9.	10.
00310 BOD, 5 DAY, 20 DEG C MG/L	07/18/74-05/02/91	13	17.	20.692	69.	3.	324.897	18.025	3.8	9.5	23.	59.4
00340 COD, .25N K2CR2O7 MG/L	07/18/74-12/16/87	13	51.	54.615	127.	15.	1329.423	36.461	15.4	22.	85.5	117.
00403 PH, LAB, STANDARD UNITS SU	07/18/74-05/02/91	13	7.9	8.023	8.7	6.9	0.234	0.483	7.22	7.75	8.45	8.66
00403 CONVERTED PH, LAB, STANDARD UNITS	07/18/74-05/02/91	13	7.9	7.723	8.7	6.9	0.331	0.576	7.22	7.75	8.45	8.66
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/18/74-05/02/91	13	0.013	0.019	0.126	0.002	0.001	0.033	0.002	0.004	0.018	0.084
00440 BICARBONATE ION (MG/L AS HCO3)	07/18/74-05/02/91	13	224.	177.615	238.	27.	6091.09	78.045	43.4	88.	229.	236.
00608 NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/17/79-05/02/91	13	0.11	0.142	0.44	0.005	0.022	0.147	0.007	0.023	0.25	0.416
00615 NITRITE NITROGEN, TOTAL (MG/L AS N)	12/17/79-05/02/91	13	0.07	0.081	0.2	0.01	0.003	0.05	0.022	0.04	0.105	0.176
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	07/18/74-05/02/91	13	2.1	2.164	4.75	0.005	2.028	1.424	0.387	1.095	3.16	4.674
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/80-05/02/91	12	9.2	12.383	26.2	4.6	49.6	7.043	4.72	6.825	18.425	24.34
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	07/18/74-05/02/91	13	352.	319.	735.	52.	31179.167	176.576	77.6	142.	382.5	607.8
00916 CALCIUM, TOTAL (MG/L AS Ca)	07/18/74-05/02/91	13	89.8	79.585	140.	17.7	1269.218	35.626	24.34	41.7	103.5	127.6
00927 MAGNESIUM, TOTAL (MG/L AS MG)	07/18/74-05/02/91	13	26.4	29.192	112.	2.	782.787	27.978	3.64	9.75	33.2	85.6
00929 SODIUM, TOTAL (MG/L AS Na)	07/18/74-05/02/91	13	90.	122.777	720.	12.5	33656.914	183.458	16.94	32.	101.5	490.
00937 POTASSIUM, TOTAL MG/L AS K)	07/18/74-05/02/91	13	4.35	6.135	30.	1.9	52.693	7.259	2.46	3.49	5.5	20.4
00940 CHLORIDE, TOTAL IN WATER MG/L	07/18/74-05/02/91	13	121.	248.308	1850.	12.	237139.064	486.969	19.6	41.5	186.5	1219.2
00945 SULFATE, TOTAL (MG/L AS SO4)	07/18/74-05/02/91	13	145.	125.231	307.	13.	5602.359	74.849	27.	61.	157.	250.2
00951 FLUORIDE, TOTAL (MG/L AS F)	12/27/77-05/02/91	5	0.32	0.32	0.46	0.22	0.008	0.088	**	**	**	**
01007 BARIUM, TOTAL (UG/L AS Ba)	12/27/77-05/02/91	12	42.	77.75	434.	19.	13160.568	114.72	20.2	30.75	59.5	337.1
01027 CADMIUM, TOTAL (UG/L AS Cd)	12/27/77-05/02/91	13 ##	0.5	0.654	2.	0.5	0.183	0.427	0.5	0.5	0.5	1.6
01032 CHROMIUM, HEXAVALENT (UG/L AS CR)	12/27/77-05/02/91	13 ##	5.	4.616	5.	0.005	1.919	1.385	2.003	5.	5.	5.
01034 CHROMIUM, TOTAL (UG/L AS CR)	12/27/77-05/02/91	13	10.	18.231	99.	5.	642.692	25.351	5.	5.	18.5	71.
01042 COPPER, TOTAL (UG/L AS CU)	12/27/77-05/02/91	13	11.	20.538	73.	5.	416.103	20.399	5.	5.	31.5	59.8
01045 IRON, TOTAL (UG/L AS FE)	10/17/77-12/05/91	13	1018.	3619.385	29700.	60.	63967937.59	7997.996	104.8	396.	2484.	20254.
01051 LEAD, TOTAL (UG/L AS Pb)	12/27/77-05/02/91	13 ##	5.	14.231	74.	5.	443.192	21.052	5.	5.	11.	62.
01055 MANGANESE, TOTAL (UG/L AS MN)	10/17/77-05/02/91	14 ##	25.	89.357	629.	15.	25932.401	161.035	18.	23.	101.5	384.
01067 NICKEL, TOTAL (UG/L AS Ni)	12/27/77-05/02/91	13	12.	22.385	97.	5.	726.256	26.949	5.	5.	34.5	78.6
01077 SILVER, TOTAL (UG/L AS AG)	12/27/77-05/02/91	13 ##	5.	9.269	65.	0.5	281.942	16.791	2.3	5.	5.	41.
01092 ZINC, TOTAL (UG/L AS Zn)	12/27/77-05/02/91	13	71.	141.769	584.	5.	26657.692	163.272	23.	50.	234.5	474.8

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### Annual Analysis for 1982 - Station SAMO0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	07/18/74-05/02/91	13	150000.	217692.308	820000.	10000.59699230769.231	244334.26	17200.	36000.	350000.	708000.	
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	07/18/74-05/02/91	13	5.176	5.031	5.914	4.	0.345	0.587	4.179	4.554	5.54	5.841
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			107446.724								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/18/74-05/02/91	13	8800.	29036.923	132000.	600.1883289723.077	43396.886	600.	2040.	49000.	119600.	
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/18/74-05/02/91	13	3.944	3.909	5.121	2.778	0.64	0.8	2.778	3.225	4.655	5.074
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			8113.587								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/18/74-05/02/91	13	17000.	161661.538	763000.	1200.73612195897.436	271315.676	5120.	12500.	237500.	737800.	
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/18/74-05/02/91	13	4.23	4.568	5.883	3.079	0.663	0.814	3.464	4.097	5.299	5.868
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			37006.394								
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	9 ##	0.005	0.014	0.04	0.005	0.	0.014	0.005	0.005	0.03	0.04
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	9 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	9	0.01	0.02	0.1	0.005	0.001	0.031	0.005	0.005	0.02	0.1
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	9 ##	0.005	0.009	0.02	0.005	0.	0.007	0.005	0.005	0.015	0.02
39390	ENDRLN IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	9	0.01	0.012	0.03	0.005	0.	0.009	0.005	0.005	0.02	0.03
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	9 ##	0.005	0.02	0.12	0.005	0.001	0.038	0.005	0.005	0.015	0.12
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	9	0.01	0.011	0.02	0.005	0.	0.007	0.005	0.005	0.02	0.02
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	9	0.01	0.025	0.08	0.005	0.001	0.024	0.005	0.01	0.04	0.08
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/21/77-05/02/91	13	684.	773.846	3192.	108.	586969.641	766.139	162.4	326.	786.	2280.
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/18/74-05/02/91	13	0.33	0.415	1.5	0.22	0.115	0.34	0.228	0.255	0.375	1.136
71900	MERCURY, TOTAL (UG/L AS HG)	12/27/77-05/02/91	13 ##	0.5	0.292	0.5	0.05	0.055	0.233	0.05	0.05	0.5	0.5

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### Annual Analysis for 1983 - Station SAMO0014

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/18/74-05/02/91	12	68.	66.667	72.	57.	25.515	5.051	57.9	61.25	70.	72.
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/18/74-05/02/91	12	1030.5	907.583	1300.	120.	111732.811	334.265	252.	665.	1113.75	1270.
00300 OXYGEN, DISSOLVED MG/L	07/18/74-07/17/85	10	8.75	8.35	9.	7.	0.669	0.818	7.	7.75	9.	9.
00310 BOD, 5 DAY, 20 DEG C MG/L	07/18/74-05/02/91	12	7.5	13.75	37.	4.	155.295	12.462	4.	5.25	23.	37.
00340 COD, .25N K2CR2O7 MG/L	07/18/74-12/16/87	12	55.	98.333	620.	8.	28094.424	167.614	8.	25.	91.75	466.1
00403 PH, LAB, STANDARD UNITS SU	07/18/74-05/02/91	12	8.2	7.967	8.5	6.6	0.321	0.566	6.81	7.575	8.3	8.47
00403 CONVERTED PH, LAB, STANDARD UNITS	07/18/74-05/02/91	12	8.2	7.485	8.5	6.6	0.574	0.758	6.81	7.575	8.3	8.47
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/18/74-05/02/91	12	0.006	0.033	0.251	0.003	0.005	0.07	0.003	0.005	0.032	0.191
00440 BICARBONATE ION (MG/L AS HCO3)	07/18/74-05/02/91	12	232.	203.	265.	44.	4456.909	66.76	71.6	151.	246.	263.8
00608 NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/17/79-05/02/91	12	0.15	0.368	1.4	0.005	0.215	0.463	0.005	0.005	0.528	1.31
00615 NITRITE NITROGEN, TOTAL (MG/L AS N)	12/17/79-05/02/91	10	0.055	0.054	0.11	0.02	0.001	0.027	0.02	0.035	0.065	0.107
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	07/18/74-05/02/91	12	2.115	2.414	3.9	1.59	0.56	0.748	1.683	1.963	3.133	3.786
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/80-05/02/91	12	11.3	16.808	58.	5.2	248.723	15.771	5.32	5.85	21.75	51.1
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	07/18/74-05/02/91	12	366.5	320.25	415.	51.	10929.295	104.543	96.3	269.75	380.25	408.4
00916 CALCIUM, TOTAL (MG/L AS Ca)	07/18/74-05/02/91	12	68.5	66.225	93.3	13.	546.577	23.379	22.6	48.75	85.475	91.86
00927 MAGNESIUM, TOTAL (MG/L AS MG)	07/18/74-05/02/91	12	39.	35.558	50.	4.5	166.63	12.909	9.15	29.625	42.975	50.
00929 SODIUM, TOTAL (MG/L AS Na)	07/18/74-05/02/91	12	64.	62.458	98.6	9.	754.321	27.465	15.24	39.5	85.125	97.52
00937 POTASSIUM, TOTAL MG/L AS K)	07/18/74-05/02/91	12	5.	4.883	7.8	1.1	4.018	2.004	1.55	3.25	6.7	7.68
00940 CHLORIDE,TOTAL IN WATER MG/L	07/18/74-05/02/91	12	89.	80.833	110.	17.	941.97	30.692	23.	55.5	105.5	109.1
00945 SULFATE, TOTAL (MG/L AS SO4)	07/18/74-05/02/91	12	160.	135.833	204.	6.	3902.879	62.473	20.7	97.25	187.5	201.3
00951 FLUORIDE, TOTAL (MG/L AS F)	12/27/77-05/02/91	11	0.65	0.526	1.	0.1	0.094	0.307	0.12	0.24	0.72	0.98
01007 BARIUM, TOTAL (UG/L AS BA)	12/27/77-05/02/91	12	66.5	201.25	960.	34.	93642.386	306.01	34.6	53.75	175.25	888.
01027 CADMIUM, TOTAL (UG/L AS CD)	12/27/77-05/02/91	12 ##	0.5	0.792	2.	0.5	0.203	0.45	0.5	0.5	1.	1.7
01032 CHROMIUM, HEXAVALENT (UG/L AS CR)	12/27/77-05/02/91	12 ##	25.	25.	25.	25.	0.	0.	25.	25.	25.	25.
01034 CHROMIUM, TOTAL (UG/L AS CR)	12/27/77-05/02/91	12 ##	5.	37.583	200.	5.	4635.538	68.085	5.	5.	35.75	188.
01042 COPPER, TOTAL (UG/L AS CU)	12/27/77-05/02/91	12	15.5	37.5	220.	5.	3612.273	60.102	5.	12.75	27.5	175.6
01045 IRON, TOTAL (UG/L AS FE)	10/17/77-12/05/91	12	100.	1937.5	16900.	15.	23883886.091	4887.114	24.	53.5	760.	13210.
01051 LEAD, TOTAL (UG/L AS PB)	12/27/77-05/02/91	11 ##	5.	7.636	25.	5.	40.455	6.36	5.	5.	5.	22.8
01055 MANGANESE, TOTAL (UG/L AS MN)	10/17/77-05/02/91	11 ##	15.	159.091	1350.	5.	161054.091	401.315	5.	5.	40.	1130.
01067 NICKEL, TOTAL (UG/L AS NI)	12/27/77-05/02/91	11	11.	41.273	160.	5.	3014.018	54.9	5.	5.	63.	154.
01077 SILVER, TOTAL (UG/L AS AG)	12/27/77-05/02/91	11 ##	0.5	1.091	5.	0.5	1.741	1.319	0.5	0.5	1.	4.2

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### Annual Analysis for 1983 - Station SAMO0014

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01092 ZINC, TOTAL (UG/L AS ZN)	12/27/77-05/02/91	11	50.	68.545	145.	27.	1483.473	38.516	27.6	42.	100.	138.
31503 COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	07/18/74-05/02/91	11	80000.	89090.909	248000.	16000.	4019490909.091	63399.455	16800.	52000.	104000.	224800.
31503 LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	07/18/74-05/02/91	11	4.903	4.843	5.394	4.204	0.118	0.344	4.224	4.716	5.017	5.34
31503 GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			69678.07								
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/18/74-05/02/91	11	7200.	12520.	58000.	920.	256875200.	16027.327	1376.	4000.	13600.	50400.
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/18/74-05/02/91	11	3.857	3.871	4.763	2.964	0.216	0.465	3.072	3.602	4.134	4.671
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			7423.337								
31673 FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/18/74-05/02/91	11	37800.	52363.636	148000.	14000.	1988708545.455	44594.939	14460.	19900.	95000.	140000.
31673 LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/18/74-05/02/91	11	4.577	4.588	5.17	4.146	0.121	0.348	4.159	4.299	4.978	5.143
31673 GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			38694.977								
39300 P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	10	0.035	0.041	0.11	0.005	0.001	0.038	0.005	0.005	0.068	0.108
39310 P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	10 ##	0.005	0.017	0.04	0.005	0.	0.017	0.005	0.005	0.04	0.04
39330 ALDRIN IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	10 ##	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.005	0.01
39380 DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	10 ##	0.005	0.011	0.03	0.005	0.	0.01	0.005	0.005	0.015	0.03
39390 ENDRLN IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	10 ##	0.008	0.016	0.05	0.005	0.	0.015	0.005	0.005	0.023	0.048
39410 HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	10 ##	0.005	0.008	0.02	0.005	0.	0.005	0.005	0.005	0.01	0.019
39420 HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	10 ##	0.013	0.014	0.03	0.005	0.	0.009	0.005	0.005	0.02	0.029
39782 LINDANE IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	10	0.025	0.02	0.04	0.005	0.	0.014	0.005	0.005	0.03	0.039
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/21/77-05/02/91	12	667.5	611.083	825.	98.	41160.811	202.881	193.4	500.5	757.5	816.
70507 PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/18/74-05/02/91	12	0.89	1.202	3.52	0.01	1.17	1.082	0.046	0.243	1.888	3.187
71900 MERCURY, TOTAL (UG/L AS HG)	12/27/77-05/02/91	11 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5

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### Annual Analysis for 1984 - Station SAMO0014

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/18/74-05/02/91	3	65.	65.	68.	62.	9.	3.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/18/74-05/02/91	3	1080.	1050.	1080.	990.	2700.	51.962	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	07/18/74-07/17/85	3	9.	8.667	9.	8.	0.333	0.577	**	**	**	**
00310 BOD, 5 DAY, 20 DEG C MG/L	07/18/74-05/02/91	3	8.	8.	9.	7.	1.	1.	**	**	**	**
00340 COD, .25N K2CR2O7 MG/L	07/18/74-12/16/87	3	77.	84.333	116.	60.	824.333	28.711	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	07/18/74-05/02/91	3	8.1	8.167	8.4	8.	0.043	0.208	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	07/18/74-05/02/91	3	8.1	8.136	8.4	8.	0.045	0.211	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/18/74-05/02/91	3	0.008	0.007	0.01	0.004	0.	0.003	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	07/18/74-05/02/91	3	232.	244.667	289.	213.	1564.333	39.552	**	**	**	**
00608 NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/17/79-05/02/91	3	0.1	1.697	4.9	0.09	7.696	2.774	**	**	**	**
00615 NITRITE NITROGEN, TOTAL (MG/L AS N)	12/17/79-05/02/91	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	07/18/74-05/02/91	3	3.1	3.167	3.3	3.1	0.013	0.115	**	**	**	**
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/80-05/02/91	3	9.8	11.267	19.	5.	50.613	7.114	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	07/18/74-05/02/91	3	420.	409.667	435.	374.	1010.333	31.786	**	**	**	**
00916 CALCIUM, TOTAL (MG/L AS Ca)	07/18/74-05/02/91	3	96.	93.967	99.4	86.5	44.703	6.686	**	**	**	**
00927 MAGNESIUM, TOTAL (MG/L AS MG)	07/18/74-05/02/91	3	43.1	41.867	44.7	37.8	13.043	3.612	**	**	**	**
00929 SODIUM, TOTAL (MG/L AS Na)	07/18/74-05/02/91	3	80.	80.033	83.2	76.9	9.923	3.15	**	**	**	**
00937 POTASSIUM, TOTAL MG/L AS K)	07/18/74-05/02/91	3	4.6	4.833	5.7	4.2	0.603	0.777	**	**	**	**
00940 CHLORIDE,TOTAL IN WATER MG/L	07/18/74-05/02/91	3	96.	102.	115.	95.	127.	11.269	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	07/18/74-05/02/91	3	182.	175.667	195.	150.	536.333	23.159	**	**	**	**
00951 FLUORIDE, TOTAL (MG/L AS F)	12/27/77-05/02/91	3	0.5	0.567	1.	0.2	0.163	0.404	**	**	**	**
01007 BARIUM, TOTAL (UG/L AS BA)	12/27/77-05/02/91	3	52.	55.333	73.	41.	264.333	16.258	**	**	**	**
01027 CADMIUM, TOTAL (UG/L AS CD)	12/27/77-05/02/91	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01032 CHROMIUM, HEXAVALENT (UG/L AS CR)	12/27/77-05/02/91	3 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01034 CHROMIUM, TOTAL (UG/L AS CR)	12/27/77-05/02/91	3 ##	5.	7.333	12.	5.	16.333	4.041	**	**	**	**
01042 COPPER, TOTAL (UG/L AS CU)	12/27/77-05/02/91	3	22.	21.667	30.	13.	72.333	8.505	**	**	**	**
01045 IRON, TOTAL (UG/L AS FE)	10/17/77-12/05/91	3	46.	68.667	120.	40.	1985.333	44.557	**	**	**	**
01051 LEAD, TOTAL (UG/L AS PB)	12/27/77-05/02/91	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01055 MANGANESE, TOTAL (UG/L AS MN)	10/17/77-05/02/91	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01067 NICKEL, TOTAL (UG/L AS NI)	12/27/77-05/02/91	3 ##	5.	9.667	19.	5.	65.333	8.083	**	**	**	**

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### Annual Analysis for 1984 - Station SAMO0014

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01077 SILVER, TOTAL (UG/L AS AG)	12/27/77-05/02/91	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01092 ZINC, TOTAL (UG/L AS ZN)	12/27/77-05/02/91	3	31.	29.333	42.	15.	184.333	13.577	**	**	**	**
31503 COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	07/18/74-05/02/91	3	44000.	37333.333	60000.	8000.	709333333.333	26633.312	**	**	**	**
31503 LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	07/18/74-05/02/91	3	4.643	4.442	4.778	3.903	0.222	0.471	**	**	**	**
31503 GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	07/18/74-05/02/91	3	1700.	1660.	2400.	880.	578800.	760.789	**	**	**	**
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/18/74-05/02/91	3	3.23	3.185	3.38	2.944	0.049	0.221	**	**	**	**
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/18/74-05/02/91	3	38000.	44333.333	76000.	19000.	842333333.333	29022.979	**	**	**	**
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/18/74-05/02/91	3	4.58	4.58	4.881	4.279	0.091	0.301	**	**	**	**
31673 FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/18/74-05/02/91	3	0.03	1.288	3.83	0.005	4.845	2.201	**	**	**	**
31673 LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/18/74-05/02/91	3	0.005	0.007	0.01	0.005	0.	0.003	**	**	**	**
31673 GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/18/74-05/02/91	3	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39300 P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	3 ##	0.005	0.017	0.04	0.005	0.	0.02	**	**	**	**
39310 P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	3	0.02	0.858	2.55	0.005	2.146	1.465	**	**	**	**
39330 ALDRIN IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	3 ##	0.005	0.027	0.07	0.005	0.001	0.038	**	**	**	**
39380 DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	3	0.005	0.027	0.07	0.005	0.001	0.038	**	**	**	**
39390 ENDRI IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	3	0.03	0.052	0.12	0.005	0.004	0.06	**	**	**	**
39410 HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	3 ##	0.005	0.027	0.07	0.005	0.001	0.038	**	**	**	**
39420 HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	3 ##	0.005	0.027	0.07	0.005	0.001	0.038	**	**	**	**
39782 LINDANE IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	3	0.03	0.052	0.12	0.005	0.004	0.06	**	**	**	**
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/21/77-05/02/91	3	680.	680.	700.	660.	400.	20.	**	**	**	**
70507 PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/18/74-05/02/91	3	0.3	0.32	0.36	0.3	0.001	0.035	**	**	**	**
71900 MERCURY, TOTAL (UG/L AS HG)	12/27/77-05/02/91	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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### Annual Analysis for 1985 - Station SAMO0014

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/18/74-05/02/91	1	62.	62.	62.	62.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/18/74-05/02/91	1	1190.	1190.	1190.	1190.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	07/18/74-07/17/85	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	07/18/74-05/02/91	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	07/18/74-05/02/91	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/18/74-05/02/91	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	07/18/74-05/02/91	1	231.	231.	231.	231.	0.	0.	**	**	**	**
00608 NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/17/79-05/02/91	1	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
00615 NITRITE NITROGEN, TOTAL (MG/L AS N)	12/17/79-05/02/91	1	0.42	0.42	0.42	0.42	0.	0.	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	07/18/74-05/02/91	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	07/18/74-05/02/91	1	318.	318.	318.	318.	0.	0.	**	**	**	**
00916 CALCIUM, TOTAL (MG/L AS Ca)	07/18/74-05/02/91	1	77.	77.	77.	77.	0.	0.	**	**	**	**
00927 MAGNESIUM, TOTAL (MG/L AS MG)	07/18/74-05/02/91	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00929 SODIUM, TOTAL (MG/L AS Na)	07/18/74-05/02/91	1	140.	140.	140.	140.	0.	0.	**	**	**	**
00937 POTASSIUM, TOTAL MG/L AS K)	07/18/74-05/02/91	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	07/18/74-05/02/91	1	160.	160.	160.	160.	0.	0.	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	07/18/74-05/02/91	1	148.	148.	148.	148.	0.	0.	**	**	**	**
00951 FLUORIDE, TOTAL (MG/L AS F)	12/27/77-05/02/91	1	0.77	0.77	0.77	0.77	0.	0.	**	**	**	**
01027 CADMIUM, TOTAL (UG/L AS CD)	12/27/77-05/02/91	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01034 CHROMIUM, TOTAL (UG/L AS CR)	12/27/77-05/02/91	1 ##	14.5	14.5	14.5	14.5	0.	0.	**	**	**	**
01042 COPPER, TOTAL (UG/L AS CU)	12/27/77-05/02/91	1	41.	41.	41.	41.	0.	0.	**	**	**	**
01045 IRON, TOTAL (UG/L AS FE)	10/17/77-12/05/91	1	840.	840.	840.	840.	0.	0.	**	**	**	**
01051 LEAD, TOTAL (UG/L AS PB)	12/27/77-05/02/91	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01055 MANGANESE, TOTAL (UG/L AS MN)	10/17/77-05/02/91	1	19.	19.	19.	19.	0.	0.	**	**	**	**
01067 NICKEL, TOTAL (UG/L AS NI)	12/27/77-05/02/91	1 ##	4.	4.	4.	4.	0.	0.	**	**	**	**
01092 ZINC, TOTAL (UG/L AS ZN)	12/27/77-05/02/91	1	470.	470.	470.	470.	0.	0.	**	**	**	**
31503 COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	07/18/74-05/02/91	1	2400.	2400.	2400.	2400.	0.	0.	**	**	**	**
31503 LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	07/18/74-05/02/91	1	3.38	3.38	3.38	3.38	0.	0.	**	**	**	**
31503 GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	07/18/74-05/02/91	1	2400.	2400.	2400.	2400.	0.	0.	**	**	**	**

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### Annual Analysis for 1985 - Station SAMO0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/18/74-05/02/91	1	2400.	2400.	2400.	2400.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/18/74-05/02/91	1	3.38	3.38	3.38	3.38	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			2400.								
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	06/21/77-05/02/91	1	750.	750.	750.	750.	0.	0.	**	**	**	**
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/18/74-05/02/91	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
71900	MERCURY. TOTAL (UG/L AS HG)	12/27/77-05/02/91	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**

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### Annual Analysis for 1986 - Station SAMO0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/18/74-05/02/91	1	62.	62.	62.	62.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/18/74-05/02/91	1	18300.	18300.	18300.	18300.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/18/74-05/02/91	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/18/74-05/02/91	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/18/74-05/02/91	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/18/74-05/02/91	1	150.	150.	150.	150.	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/17/79-05/02/91	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/17/79-05/02/91	1##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/18/74-05/02/91	1##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	07/18/74-05/02/91	1	2090.	2090.	2090.	2090.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS Ca)	07/18/74-05/02/91	1	150.	150.	150.	150.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/18/74-05/02/91	1	410.	410.	410.	410.	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS Na)	07/18/74-05/02/91	1	3700.	3700.	3700.	3700.	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	07/18/74-05/02/91	1	130.	130.	130.	130.	0.	0.	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	07/18/74-05/02/91	1	6300.	6300.	6300.	6300.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/18/74-05/02/91	1	880.	880.	880.	880.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	12/27/77-05/02/91	1##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	12/27/77-05/02/91	1##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	12/27/77-05/02/91	1##	14.5	14.5	14.5	14.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	12/27/77-05/02/91	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	10/17/77-12/05/91	1	530.	530.	530.	530.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	12/27/77-05/02/91	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	10/17/77-05/02/91	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	12/27/77-05/02/91	1##	4.	4.	4.	4.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	12/27/77-05/02/91	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	12/27/77-05/02/91	1	47.	47.	47.	47.	0.	0.	**	**	**	**
31503	COLIFORM, TOT, MEMBR FILTER, DELAYED, M-ENDO MED, 35 C	07/18/74-05/02/91	1	35000.	35000.	35000.	35000.	0.	0.	**	**	**	**
31503	LOG COLIFORM, TOT, MEMBR FILTER, DELAYED, M-ENDO MED, 3	07/18/74-05/02/91	1	4.544	4.544	4.544	4.544	0.	0.	**	**	**	**
31503	GM COLIFORM, TOT, MEMBR FILTER, DELAYED, M-ENDO MED, 35	GEOMETRIC MEAN =			35000.								
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/18/74-05/02/91	1	24000.	24000.	24000.	24000.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/18/74-05/02/91	1	4.38	4.38	4.38	4.38	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			24000.								
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	06/21/77-05/02/91	1	11700.	11700.	11700.	11700.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	12/27/77-05/02/91	1##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1987 - Station SAMO0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/18/74-05/02/91	3	65.	59.	66.	46.	127.	11.269	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/18/74-05/02/91	3	205.	445.	1020.	110.	250225.	500.225	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	07/18/74-05/02/91	2	14.	14.	15.	13.	2.	1.414	**	**	**	**

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### Annual Analysis for 1987 - Station SAMO0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00340	COD, .25N K2CR2O7 MG/L	07/18/74-12/16/87	2	42.5	42.5	70.	15.	1512.5	38.891	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/18/74-05/02/91	3	6.6	6.867	7.5	6.5	0.303	0.551	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/18/74-05/02/91	3	6.6	6.7	7.5	6.5	0.345	0.588	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/18/74-05/02/91	3	0.251	0.2	0.316	0.032	0.022	0.149	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/18/74-05/02/91	3	25.	75.	175.	25.	7500.	86.603	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/17/79-05/02/91	3	0.62	0.61	1.	0.21	0.156	0.395	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/17/79-05/02/91	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/18/74-05/02/91	3	0.92	2.027	4.3	0.86	3.877	1.969	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/80-05/02/91	2	29.	29.	41.	17.	288.	16.971	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	07/18/74-05/02/91	3	57.	103.	224.	28.	11191.	105.788	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS Ca)	07/18/74-05/02/91	3	16.6	25.167	50.3	8.6	489.763	22.131	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/18/74-05/02/91	3	3.8	9.6	23.4	1.6	144.04	12.002	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS Na)	07/18/74-05/02/91	3	15.4	50.133	127.	8.	4445.053	66.671	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	07/18/74-05/02/91	3	6.	5.967	8.9	3.	8.703	2.95	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	07/18/74-05/02/91	3	88.	203.333	516.	6.	75001.333	273.864	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/18/74-05/02/91	3	24.	73.667	185.	12.	9332.333	96.604	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	12/27/77-05/02/91	3	0.23	0.293	0.51	0.14	0.037	0.193	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS Ba)	12/27/77-05/02/91	2	33.	33.	44.	22.	242.	15.556	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS Cd)	12/27/77-05/02/91	3 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01032	CHROMIUM, HEXAVALENT (UG/L AS Cr)	12/27/77-05/02/91	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS Cr)	12/27/77-05/02/91	3 ##	7.	104.667	300.	7.	28616.333	169.164	**	**	**	**
01042	COPPER, TOTAL (UG/L AS Cu)	12/27/77-05/02/91	3	25.	35.	63.	17.	604.	24.576	**	**	**	**
01045	IRON, TOTAL (UG/L AS Fe)	10/17/77-12/05/91	3	300.	473.333	1000.	120.	216133.333	464.901	**	**	**	**
01051	LEAD, TOTAL (UG/L AS Pb)	12/27/77-05/02/91	3	17.	68.667	180.	9.	9312.333	96.5	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS Mn)	10/17/77-05/02/91	3	45.	57.	120.	6.	3357.	57.94	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS Ni)	12/27/77-05/02/91	3 ##	7.5	11.667	20.	7.5	52.083	7.217	**	**	**	**
01077	SILVER, TOTAL (UG/L AS Ag)	12/27/77-05/02/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS Zn)	12/27/77-05/02/91	3	210.	210.	320.	100.	12100.	110.	**	**	**	**
31503	COLIFORM,TOT, MEMBR FILTER, DELAYED, M-ENDO MED, 35 C	07/18/74-05/02/91	3	92000.	582000.	1600000.	54000.777604	4000000.	881818.575	**	**	**	**
31503	LOG COLIFORM, TOT, MEMBR FILTER, DELAYED, M-ENDO MED, 3	07/18/74-05/02/91	3	4.964	5.3	6.204	4.732	0.626	0.791	**	**	**	**
31503	GM COLIFORM, TOT, MEMBR FILTER, DELAYED, M-ENDO MED, 35	GEOMETRIC MEAN =			199572.42								
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/18/74-05/02/91	3	24000.	84400.	220000.	9200.138452	280000.	117665.968	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/18/74-05/02/91	3	4.38	4.562	5.342	3.964	0.5	0.707	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			36487.204								
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	2 ##	0.035	0.035	0.05	0.02	0.	0.021	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	2 ##	0.035	0.035	0.05	0.02	0.	0.021	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	2 ##	0.035	0.035	0.05	0.02	0.	0.021	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	2 ##	0.035	0.035	0.05	0.02	0.	0.021	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	2 ##	0.035	0.035	0.05	0.02	0.	0.021	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	2 ##	0.035	0.035	0.05	0.02	0.	0.021	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	2 ##	0.035	0.035	0.05	0.02	0.	0.021	**	**	**	**
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	2 ##	0.035	0.035	0.05	0.02	0.	0.021	**	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	06/21/77-05/02/91	3	120.	259.333	588.	70.	81641.333	285.729	**	**	**	**
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/18/74-05/02/91	2	0.765	0.765	1.1	0.43	0.224	0.474	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS Hg)	12/27/77-05/02/91	3 ##	0.1	0.167	0.3	0.1	0.013	0.115	**	**	**	**

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### Annual Analysis for 1988 - Station SAMO0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/18/74-05/02/91	9	56.	57.444	62.	53.	8.528	2.92	53.	55.5	60.	62.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/18/74-05/02/91	9	1004.	1156.111	2520.	307.	351879.111	593.194	307.	911.	1304.	2520.
00310	BOD, 5 DAY, 20 DEG C MG/L	07/18/74-05/02/91	8	6.7	23.025	99.	0.5	1284.628	35.842	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/18/74-05/02/91	9	7.8	7.722	8.5	6.5	0.304	0.552	6.5	7.55	8.05	8.5
00403	CONVERTED PH, LAB, STANDARD UNITS	07/18/74-05/02/91	9	7.8	7.302	8.5	6.5	0.503	0.709	6.5	7.55	8.05	8.5
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/18/74-05/02/91	9	0.016	0.05	0.316	0.003	0.01	0.1	0.003	0.009	0.03	0.316

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### Annual Analysis for 1988 - Station SAMO0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00440	BICARBONATE ION (MG/L AS HCO3)	07/18/74-05/02/91	9	182.	196.556	342.	94.	4907.528	70.054	94.	159.	230.	342.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/17/79-05/02/91	8	0.225	0.381	1.4	0.034	0.214	0.463	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/17/79-05/02/91	8##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/18/74-05/02/91	8	1.41	1.681	3.3	0.64	0.618	0.786	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/80-05/02/91	9##	0.5	3.344	18.9	0.5	36.498	6.041	0.5	0.5	4.1	18.9
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	07/18/74-05/02/91	9	211.	240.222	541.	98.	19709.444	140.39	98.	145.	304.5	541.
00916	CALCIUM, TOTAL (MG/L AS Ca)	07/18/74-05/02/91	9	50.	55.644	116.	24.	695.033	26.363	24.	39.85	63.5	116.
00927	MAGNESIUM, TOTAL (MG/L AS Mg)	07/18/74-05/02/91	9	19.	24.589	61.	4.6	356.181	18.873	4.6	13.4	36.3	61.
00929	SODIUM, TOTAL (MG/L AS Na)	07/18/74-05/02/91	9	115.	143.967	368.	17.2	9710.56	98.542	17.2	97.75	185.5	368.
00937	POTASSIUM, TOTAL MG/L AS K)	07/18/74-05/02/91	9	16.2	17.044	33.1	7.6	54.63	7.391	7.6	11.55	20.3	33.1
00940	CHLORIDE, TOTAL IN WATER MG/L	07/18/74-05/02/91	9	119.	172.889	538.	19.	21886.611	147.941	19.	111.	203.5	538.
00945	SULFATE, TOTAL (MG/L AS SO4)	07/18/74-05/02/91	9	99.	115.667	242.	20.	4228.75	65.029	20.	81.	159.5	242.
00951	FLUORIDE, TOTAL (MG/L AS F)	12/27/77-05/02/91	9	0.38	0.444	0.83	0.24	0.034	0.183	0.24	0.335	0.55	0.83
01007	BARIUM, TOTAL (UG/L AS Ba)	12/27/77-05/02/91	8	40.	43.25	120.	6.	1381.643	37.17	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS Cd)	12/27/77-05/02/91	8##	5.	5.75	10.	5.	3.071	1.753	**	**	**	**
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	12/27/77-05/02/91	8##	7.5	9.5	20.	5.	33.429	5.782	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	12/27/77-05/02/91	8##	8.	11.375	30.	5.	75.125	8.667	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	12/27/77-05/02/91	8	35.	71.125	230.	5.	6647.268	81.531	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	10/17/77-12/05/91	8	117.	574.038	3200.	0.2	1222761.891	1105.786	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	12/27/77-05/02/91	8##	17.5	35.625	120.	5.	1738.839	41.699	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	10/17/77-05/02/91	8	37.5	59.	180.	5.	3478.	58.975	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	12/27/77-05/02/91	8##	5.	5.75	10.	5.	3.071	1.753	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	12/27/77-05/02/91	8##	5.	5.75	10.	5.	3.071	1.753	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	12/27/77-05/02/91	8	110.	93.75	160.	30.	2826.786	53.168	**	**	**	**
31503	COLIFORM,TOT, MEMBR FILTER, DELAYED, M-ENDO MED, 35 C	07/18/74-05/02/91	8	93000.	209375.	750000.	23000.63931696428.571	252847.18	**	**	**	**	**
31503	LOG COLIFORM,TOT, MEMBR FILTER, DELAYED, M-ENDO MED, 3	07/18/74-05/02/91	8	4.968	5.073	5.875	4.362	0.243	0.493	**	**	**	**
31503	GM COLIFORM,TOT, MEMBR FILTER, DELAYED, M-ENDO MED, 35	GEOMETRIC MEAN =			118347.276								
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/18/74-05/02/91	8	8400.	22616.25	93000.	930. 1012495255.357	31819.731	**	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/18/74-05/02/91	8	3.922	3.928	4.968	2.968	0.49	0.7	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			8462.879								
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	07/18/74-05/02/91	8	12000.	15212.5	40000.	1200. 161904107.143	12724.154	**	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	07/18/74-05/02/91	8	4.065	4.013	4.602	3.079	0.219	0.468	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	GEOMETRIC MEAN =			10292.809								
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	8##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	8##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	8##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	8##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	8##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	8##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	8##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	8##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	06/21/77-05/02/91	9	636.	701.333	1452.	196.	118019.	343.539	196.	556.	831.	1452.
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/18/74-05/02/91	8	0.67	0.752	2.25	0.06	0.456	0.675	**	**	**	**
71850	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	07/18/74-12/05/90	2	10.45	10.45	14.6	6.3	34.445	5.869	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	12/27/77-05/02/91	8##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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### Annual Analysis for 1989 - Station SAMO0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/18/74-05/02/91	12	61.	61.833	69.	56.	16.333	4.041	56.3	59.25	64.75	68.7
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/18/74-05/02/91	14	4740.	4425.214	8650.	363.	7081961.258	2661.195	437.5	1852.	6187.5	8625.
00310	BOD, 5 DAY, 20 DEG C MG/L	07/18/74-05/02/91	14	2.	2.536	7.	0.5	4.672	2.161	0.5	0.875	4.25	6.5
00403	PH, LAB, STANDARD UNITS SU	07/18/74-05/02/91	14	8.	7.807	8.1	6.8	0.195	0.441	6.9	7.675	8.1	8.1
00403	CONVERTED PH, LAB, STANDARD UNITS	07/18/74-05/02/91	14	8.	7.526	8.1	6.8	0.28	0.529	6.9	7.675	8.1	8.1
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/18/74-05/02/91	14	0.01	0.03	0.158	0.008	0.002	0.045	0.008	0.008	0.024	0.129

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1989 - Station SAMO0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00440	BICARBONATE ION (MG/L AS HCO3)	07/18/74-05/02/91	14	247.	225.429	369.	28.	11984.11	109.472	35.	168.	304.	348.5
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/17/79-05/02/91	14	1.25	1.224	2.6	0.17	0.387	0.622	0.24	0.89	1.625	2.2
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/17/79-05/02/91	14 ##	0.4	0.48	2.6	0.005	0.406	0.637	0.028	0.178	0.5	1.55
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/18/74-05/02/91	14	1.585	1.756	3.82	0.54	0.848	0.921	0.665	0.96	2.535	3.275
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/80-05/02/91	14	4.7	8.443	31.8	0.5	98.05	9.902	0.5	0.5	14.375	27.4
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	07/18/74-05/02/91	14	811.	721.857	1286.	74.	154498.747	393.063	80.	394.25	1004.	1239.5
00916	CALCIUM, TOTAL (MG/L AS Ca)	07/18/74-05/02/91	14	126.	113.814	186.	18.4	2937.375	54.198	19.7	69.75	149.25	178.5
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/18/74-05/02/91	14	117.	106.307	214.	6.7	4040.39	63.564	7.45	53.5	152.	195.5
00929	SODIUM, TOTAL (MG/L AS Na)	07/18/74-05/02/91	14	611.5	606.157	1239.	37.2	139558.93	373.576	50.6	251.25	879.	1153.
00937	POTASSIUM, TOTAL MG/L AS K)	07/18/74-05/02/91	14	30.	40.457	209.	6.2	2590.686	50.899	6.6	12.3	36.125	136.5
00940	CHLORIDE, TOTAL IN WATER MG/L	07/18/74-05/02/91	14	1098.5	1126.857	2448.	56.	534677.363	731.216	83.	426.25	1675.	2306.
00945	SULFATE, TOTAL (MG/L AS SO4)	07/18/74-05/02/91	14	270.5	239.357	434.	24.	16482.401	128.384	25.	124.75	320.25	409.
00951	FLUORIDE, TOTAL (MG/L AS F)	12/27/77-05/02/91	14	0.87	1.056	3.1	0.21	0.584	0.764	0.235	0.56	1.255	2.6
01007	BARIUM, TOTAL (UG/L AS Ba)	12/27/77-05/02/91	14	115.	123.929	420.	5.	9623.764	98.101	17.5	77.5	142.5	305.
01027	CADMIUM, TOTAL (UG/L AS Cd)	12/27/77-05/02/91	14 ##	5.	12.143	70.	5.	364.286	19.086	5.	5.	5.	55.
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	12/27/77-05/02/91	14 ##	10.	10.357	15.	10.	1.786	1.336	10.	10.	10.	12.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	12/27/77-05/02/91	14 ##	15.	13.929	40.	5.	77.61	8.81	5.	5.	15.	27.5
01042	COPPER, TOTAL (UG/L AS CU)	12/27/77-05/02/91	14 ##	5.	11.071	50.	5.	169.918	13.035	5.	5.	10.	40.
01045	IRON, TOTAL (UG/L AS FE)	10/17/77-12/05/91	14	215.	926.786	6000.	5.	3118683.104	1765.979	47.5	115.	632.5	4900.
01051	LEAD, TOTAL (UG/L AS Pb)	12/27/77-05/02/91	14	50.	95.	460.	5.	18511.538	136.057	5.	5.	92.5	390.
01055	MANGANESE, TOTAL (UG/L AS MN)	10/17/77-05/02/91	14	70.	85.	190.	20.	2396.154	48.951	25.	60.	97.5	185.
01067	NICKEL, TOTAL (UG/L AS Ni)	12/27/77-05/02/91	14 ##	5.	13.929	110.	5.	781.456	27.955	5.	5.	6.25	65.
01077	SILVER, TOTAL (UG/L AS Ag)	12/27/77-05/02/91	14 ##	5.	11.786	100.	5.	644.643	25.39	5.	5.	5.	52.5
01092	ZINC, TOTAL (UG/L AS Zn)	12/27/77-05/02/91	14	20.	67.143	360.	5.	11860.44	108.906	5.	5.	60.	315.
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	07/18/74-05/02/91	14	28000.	103302.143	330000.	230.14039491910.44	118488.362	7115.	16250.	185000.	330000.	
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	07/18/74-05/02/91	14	4.44	4.59	5.519	2.362	0.682	0.826	3.254	4.209	5.263	5.519
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			38862.088								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/18/74-05/02/91	14	2850.	7501.429	28000.	20.	90243105.495	9499.637	360.	1300.	11425.	25500.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/18/74-05/02/91	14	3.449	3.451	4.447	1.301	0.639	0.799	2.073	3.114	4.009	4.404
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2823.342								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/18/74-05/02/91	14	9200.	29532.143	230000.	50.3743462925.824	61183.845	425.	2900.	17500.	155000.	
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/18/74-05/02/91	14	3.964	3.841	5.362	1.699	0.779	0.883	2.301	3.446	4.221	5.132
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			6941.704								
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	14 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	14 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	14 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	14 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	14 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	14 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	14 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	14 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/21/77-05/02/91	14	2600.5	2523.143	4748.	214.	2242038.747	1497.344	246.5	1048.25	3720.	4580.5
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/18/74-05/02/91	14	0.34	0.324	0.66	0.11	0.022	0.147	0.13	0.17	0.405	0.55
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	07/18/74-12/05/90	14	7.	7.771	16.9	2.4	16.571	4.071	2.95	4.275	11.2	14.5
71900	MERCURY, TOTAL (UG/L AS Hg)	12/27/77-05/02/91	14 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1990 - Station SAMO0014

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/18/74-05/02/91	13	56.	55.769	64.	48.	27.359	5.231	48.	52.	60.5	63.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/18/74-05/02/91	13	1198.	4052.077	38200.	118.	105482938.577	10270.489	398.8	1028.5	1644.	23744.
00310	BOD, 5 DAY, 20 DEG C MG/L	07/18/74-05/02/91	13	3.	4.1	20.	0.5	25.865	5.086	0.5	1.5	4.2	14.8
00403	PH, LAB, STANDARD UNITS SU	07/18/74-05/02/91	13	7.9	7.908	8.2	7.	0.087	0.296	7.32	7.9	8.1	8.16
00403	CONVERTED PH, LAB, STANDARD UNITS	07/18/74-05/02/91	13	7.9	7.754	8.2	7.	0.113	0.336	7.32	7.9	8.1	8.16
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/18/74-05/02/91	13	0.013	0.018	0.1	0.006	0.001	0.025	0.007	0.008	0.013	0.066

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### Annual Analysis for 1990 - Station SAMO0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00440	BICARBONATE ION (MG/L AS HCO3)	07/18/74-05/02/91	13	184.	173.923	238.	28.	3211.244	56.668	63.2	143.	210.	237.2
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/17/79-05/02/91	13	0.18	0.609	3.76	0.05	1.1	1.049	0.05	0.05	0.635	2.924
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/17/79-05/02/91	13 ##	0.05	0.168	1.08	0.05	0.085	0.292	0.05	0.05	0.125	0.812
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/18/74-05/02/91	13	1.73	1.818	3.82	0.44	0.823	0.907	0.632	1.04	2.35	3.396
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/80-05/02/91	13	7.8	12.131	57.4	0.5	214.594	14.649	1.38	3.9	13.85	42.
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	07/18/74-05/02/91	13	226.	498.462	3854.	29.	1022574.603	1011.224	88.2	185.	277.	2462.8
00916	CALCIUM, TOTAL (MG/L AS Ca)	07/18/74-05/02/91	13	58.4	70.915	288.	8.7	4592.04	67.765	21.82	44.05	66.9	207.7
00927	MAGNESIUM, TOTAL (MG/L AS Mg)	07/18/74-05/02/91	13	21.5	78.062	761.	1.8	42171.854	205.358	7.72	18.25	27.25	471.96
00929	SODIUM, TOTAL (MG/L AS Na)	07/18/74-05/02/91	13	169.	630.746	6182.	9.7	2787461.904	1669.569	43.42	134.5	255.	3825.2
00937	POTASSIUM, TOTAL MG/L AS K)	07/18/74-05/02/91	13	14.5	33.905	280.	3.6	5490.278	74.096	5.784	10.1	18.3	176.28
00940	CHLORIDE, TOTAL IN WATER MG/L	07/18/74-05/02/91	13	185.	982.769	10403.	9.	8022950.859	2832.481	52.2	147.5	297.	6415.8
00945	SULFATE, TOTAL (MG/L AS SO4)	07/18/74-05/02/91	13	123.	232.	1477.	9.	148397.667	385.224	32.2	74.5	153.	1047.
00951	FLUORIDE, TOTAL (MG/L AS F)	12/27/77-05/02/91	13	0.52	0.937	5.8	0.24	2.178	1.476	0.252	0.36	0.805	3.824
01007	BARIUM, TOTAL (UG/L AS Ba)	12/27/77-05/02/91	13	60.	72.308	160.	30.	1419.231	37.673	34.	50.	95.	144.
01027	CADMIUM, TOTAL (UG/L AS Cd)	12/27/77-05/02/91	13 ##	5.	13.077	110.	5.	848.077	29.122	5.	5.	5.	68.
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	12/27/77-05/02/91	13 ##	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01034	CHROMIUM, TOTAL (UG/L AS CR)	12/27/77-05/02/91	13 ##	15.	20.	90.	10.	470.833	21.699	10.	10.	15.	66.
01042	COPPER, TOTAL (UG/L AS CU)	12/27/77-05/02/91	13	40.	67.692	220.	20.	3219.231	56.738	24.	30.	85.	188.
01045	IRON, TOTAL (UG/L AS FE)	10/17/77-12/05/91	13	480.	1443.077	6400.	160.	3829006.41	1956.785	172.	265.	1800.	5768.
01051	LEAD, TOTAL (UG/L AS PB)	12/27/77-05/02/91	13	10.	43.846	350.	5.	8717.308	93.367	5.	5.	30.	234.
01055	MANGANESE, TOTAL (UG/L AS MN)	10/17/77-05/02/91	13	40.	64.615	330.	5.	7685.256	87.666	5.	5.	85.	242.
01067	NICKEL, TOTAL (UG/L AS NI)	12/27/77-05/02/91	13	10.	13.077	40.	5.	127.244	11.28	5.	5.	20.	36.
01077	SILVER, TOTAL (UG/L AS AG)	12/27/77-05/02/91	13 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01092	ZINC, TOTAL (UG/L AS ZN)	12/27/77-05/02/91	13	120.	160.	370.	40.	11450.	107.005	44.	75.	270.	342.
31503	COLIFORM,TOT, MEMBR FILTER,DELAYED,M-ENDO MED,35 C	07/18/74-05/02/91	13	230000.	295461.538	1300000.	23000.117050269230.769	342126.101	33400.	74500.	415000.	980000.	
31503	LOG COLIFORM,TOT, MEMBR FILTER,DELAYED,M-ENDO MED,3	07/18/74-05/02/91	13	5.362	5.238	6.114	4.362	0.235	0.485	4.493	4.871	5.609	5.948
31503	GM COLIFORM,TOT, MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			172960.947								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/18/74-05/02/91	13	11000.	25252.308	130000.	790.	1280747552.564	35787.533	790.	3400.	39500.	98000.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/18/74-05/02/91	13	4.041	3.999	5.114	2.898	0.463	0.681	2.898	3.531	4.584	4.948
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			9971.546								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/18/74-05/02/91	13	49000.	50961.538	130000.	11000.	1595102564.103	39938.735	11200.	20000.	64500.	130000.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/18/74-05/02/91	13	4.69	4.584	5.114	4.041	0.122	0.35	4.049	4.296	4.798	5.114
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			38382.609								
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	13 ##	0.05	0.062	0.25	0.025	0.003	0.057	0.025	0.05	0.05	0.17
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	13 ##	0.05	0.062	0.25	0.025	0.003	0.057	0.025	0.05	0.05	0.17
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	13 ##	0.025	0.042	0.25	0.025	0.004	0.062	0.025	0.025	0.025	0.16
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	13 ##	0.05	0.062	0.25	0.025	0.003	0.057	0.025	0.05	0.05	0.17
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	13 ##	0.05	0.062	0.25	0.025	0.003	0.057	0.025	0.05	0.05	0.17
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	13 ##	0.025	0.042	0.25	0.025	0.004	0.062	0.025	0.025	0.025	0.16
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	13 ##	0.025	0.042	0.25	0.025	0.004	0.062	0.025	0.025	0.025	0.16
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	13 ##	0.025	0.042	0.25	0.025	0.004	0.062	0.025	0.025	0.025	0.16
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/21/77-05/02/91	13	738.	2208.	20024.	72.	28728941.333	5359.939	237.6	622.5	944.5	12513.6
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/18/74-05/02/91	12	0.805	0.854	1.5	0.32	0.125	0.353	0.38	0.573	1.095	1.425
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	07/18/74-12/05/90	13	7.7	8.046	16.9	1.9	16.133	4.017	2.78	4.6	10.4	15.02
71900	MERCURY, TOTAL (UG/L AS HG)	12/27/77-05/02/91	13 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1991 - Station SAMO0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/18/74-05/02/91	4	49.5	51.75	60.	48.	30.917	5.56	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/18/74-05/02/91	4	1226.	2688.25	7140.	1161.	8809357.583	2968.056	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	07/18/74-05/02/91	3	5.3	5.8	10.5	1.6	19.99	4.471	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/18/74-05/02/91	4	8.	8.175	8.9	7.8	0.249	0.499	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/18/74-05/02/91	4	7.989	8.026	8.9	7.8	0.279	0.528	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/18/74-05/02/91	4	0.01	0.009	0.016	0.001	0.	0.006	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1991 - Station SAMO0014

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00440 BICARBONATE ION (MG/L AS HCO3)	07/18/74-05/02/91	4	196.	187.5	227.	131.	1745.	41.773	**	**	**	**
00608 NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/17/79-05/02/91	4	0.195	0.188	0.31	0.05	0.014	0.119	**	**	**	**
00615 NITRITE NITROGEN, TOTAL (MG/L AS N)	12/17/79-05/02/91	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	07/18/74-05/02/91	4	1.74	1.559	2.64	0.115	1.415	1.189	**	**	**	**
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/80-05/02/91	3	13.	13.133	15.3	11.1	4.423	2.103	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	07/18/74-05/02/91	4	345.5	470.5	904.	287.	85375.	292.19	**	**	**	**
00916 CALCIUM, TOTAL (MG/L AS Ca)	07/18/74-05/02/91	4	87.25	98.1	151.	66.9	1480.807	38.481	**	**	**	**
00927 MAGNESIUM, TOTAL (MG/L AS MG)	07/18/74-05/02/91	4	31.	54.8	128.	29.2	2382.587	48.812	**	**	**	**
00929 SODIUM, TOTAL (MG/L AS Na)	07/18/74-05/02/91	4	140.	393.	1182.	110.	276972.	526.281	**	**	**	**
00937 POTASSIUM, TOTAL MG/L AS K)	07/18/74-05/02/91	4	11.63	19.815	46.3	9.7	314.917	17.746	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	07/18/74-05/02/91	4	191.	639.5	2045.	131.	878801.667	937.444	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	07/18/74-05/02/91	4	192.5	227.75	400.	126.	14229.583	119.288	**	**	**	**
00951 FLUORIDE, TOTAL (MG/L AS F)	12/27/77-05/02/91	4	0.68	0.86	1.5	0.58	0.185	0.43	**	**	**	**
01007 BARIUM, TOTAL (UG/L AS Ba)	12/27/77-05/02/91	3	60.	66.667	80.	60.	133.333	11.547	**	**	**	**
01027 CADMIUM, TOTAL (UG/L AS Cd)	12/27/77-05/02/91	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01032 CHROMIUM, HEXAVALENT (UG/L AS CR)	12/27/77-05/02/91	3 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01034 CHROMIUM, TOTAL (UG/L AS CR)	12/27/77-05/02/91	3 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01042 COPPER, TOTAL (UG/L AS CU)	12/27/77-05/02/91	3	20.	20.	30.	10.	100.	10.	**	**	**	**
01045 IRON, TOTAL (UG/L AS FE)	10/17/77-12/05/91	5	9.	140.4	400.	1.	36406.3	190.804	**	**	**	**
01051 LEAD, TOTAL (UG/L AS Pb)	12/27/77-05/02/91	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01055 MANGANESE, TOTAL (UG/L AS MN)	10/17/77-05/02/91	3	10.	11.667	20.	5.	58.333	7.638	**	**	**	**
01067 NICKEL, TOTAL (UG/L AS Ni)	12/27/77-05/02/91	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01077 SILVER, TOTAL (UG/L AS Ag)	12/27/77-05/02/91	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01092 ZINC, TOTAL (UG/L AS Zn)	12/27/77-05/02/91	3	100.	136.667	220.	90.	5233.333	72.342	**	**	**	**
31503 COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	07/18/74-05/02/91	3	50000.	124333.333	300000.	23000.2332633333.333	152729.609	**	**	**	**	**
31503 LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	07/18/74-05/02/91	3	4.699	4.846	5.477	4.362	0.327	0.572	**	**	**	**
31503 GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			70135.791								
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/18/74-05/02/91	3	1700.	1800.	3000.	700.	1330000.	1153.256	**	**	**	**
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/18/74-05/02/91	3	3.23	3.184	3.477	2.845	0.101	0.319	**	**	**	**
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1528.35								
31673 FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/18/74-05/02/91	3	50000.	43433.333	80000.	300.	1620363333.333	40253.737	**	**	**	**
31673 LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/18/74-05/02/91	3	4.699	4.026	4.903	2.477	1.811	1.346	**	**	**	**
31673 GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			10626.586								
39300 P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	5 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39310 P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	5 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39330 ALDRIN IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	5 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39380 DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	5 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39390 ENDRIN IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	5 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39410 HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	5 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39420 HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	5 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39782 LINDANE IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	5 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/21/77-05/02/91	4	783.	1580.25	4081.	674.	2783047.583	1668.247	**	**	**	**
70507 PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/18/74-05/02/91	4	0.505	0.785	1.91	0.22	0.614	0.784	**	**	**	**
71900 MERCURY, TOTAL (UG/L AS Hg)	12/27/77-05/02/91	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #1: 6/01 to 10/31 - Station SAMO0014

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/18/74-05/02/91	48	65.	64.729	74.	53.	28.287	5.319	56.	62.	68.	72.
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/18/74-05/02/91	50	1107.5	2549.74	18300.	94.	12498927.298	3535.382	782.1	973.	2272.5	6420.
00300 OXYGEN, DISSOLVED MG/L	07/18/74-07/17/85	31	5.3	5.458	10.	0.2	5.913	2.432	1.28	3.9	7.3	8.1
00310 BOD, 5 DAY, 20 DEG C MG/L	07/18/74-05/02/91	46	8.5	20.078	99.	0.5	634.914	25.197	0.5	3.	30.25	64.5
00340 COD, .25N K2CR2O7 MG/L	07/18/74-12/16/87	30	62.	98.4	359.	15.	8595.421	92.711	17.3	28.75	143.25	252.2
00403 PH, LAB, STANDARD UNITS SU	07/18/74-05/02/91	49	7.9	7.839	8.5	6.2	0.205	0.453	7.4	7.7	8.1	8.3
00403 CONVERTED PH, LAB, STANDARD UNITS	07/18/74-05/02/91	49	7.9	7.434	8.5	6.2	0.372	0.61	7.4	7.7	8.1	8.3
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/18/74-05/02/91	49	0.013	0.037	0.631	0.003	0.01	0.1	0.005	0.008	0.02	0.04
00440 BICARBONATE ION (MG/L AS HCO3)	07/18/74-05/02/91	47	224.	210.66	349.	25.	3117.273	55.833	142.6	195.	240.	256.
00550 OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	01/06/77-07/16/87	18	1.9	3.322	15.	0.5	15.137	3.891	0.5	1.3	3.1	11.4
00608 NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/17/79-05/02/91	36	0.355	0.675	3.76	0.005	0.671	0.819	0.016	0.1	1.075	1.721
00615 NITRITE NITROGEN, TOTAL (MG/L AS N)	12/17/79-05/02/91	34	0.07	0.284	2.6	0.003	0.228	0.478	0.015	0.04	0.5	0.5
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	07/18/74-05/02/91	47	1.1	1.354	4.3	0.	1.367	1.169	0.	0.25	2.1	3.312
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/80-05/02/91	33	9.1	12.733	51.5	0.5	175.927	13.264	0.5	4.1	18.	38.4
00720 CYANIDE, TOTAL (MG/L AS CN) MG/L	12/27/77-12/16/87	4 ##	0.015	0.019	0.039	0.005	0.	0.017	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	07/18/74-05/02/91	44	269.	402.886	2090.	57.	144177.824	379.708	180.5	207.	393.75	876.
00916 CALCIUM, TOTAL (MG/L AS Ca)	07/18/74-05/02/91	44	69.5	81.945	288.	16.6	2360.153	48.581	42.	51.325	93.625	147.
00927 MAGNESIUM, TOTAL (MG/L AS MG)	07/18/74-05/02/91	44	22.65	47.959	410.	3.8	4925.943	70.185	10.1	16.35	40.825	130.5
00929 SODIUM, TOTAL (MG/L AS Na)	07/18/74-05/02/91	45	127.	337.158	3700.	15.4	359091.857	599.243	71.	95.5	204.5	946.8
00937 POTASSIUM, TOTAL MG/L AS K)	07/18/74-05/02/91	45	12.5	17.544	130.	3.5	418.643	20.461	4.38	7.2	17.8	36.2
00940 CHLORIDE, TOTAL IN WATER MG/L	07/18/74-05/02/91	47	149.	667.191	6300.	25.	1439410.723	1199.754	82.6	102.	731.	1808.8
00945 SULFATE, TOTAL (MG/L AS SO4)	07/18/74-05/02/91	48	158.	196.	880.	14.	25836.043	160.736	70.7	116.25	198.75	318.3
00951 FLUORIDE, TOTAL (MG/L AS F)	12/27/77-05/02/91	22	0.505	0.59	1.42	0.23	0.086	0.293	0.303	0.375	0.79	0.994
01002 ARSENIC, TOTAL (UG/L AS AS)	12/27/77-05/02/91	17	6.	6.029	15.	0.5	12.483	3.533	0.9	3.75	8.	11.
01007 BARIUM, TOTAL (UG/L AS BA)	12/27/77-05/02/91	28	49.5	73.214	420.	6.	5880.471	76.684	19.9	40.	77.	142.
01022 BORON, TOTAL (UG/L AS B)	12/27/77-05/02/91	18	245.	243.333	410.	90.	10211.765	101.053	108.	157.5	325.	392.
01027 CADMIUM, TOTAL (UG/L AS CD)	12/27/77-05/02/91	31 ##	5.	5.161	60.	0.5	110.373	10.506	0.5	0.5	5.	8.4
01032 CHROMIUM, HEXAVALENT (UG/L AS CR)	12/27/77-05/02/91	28 ##	10.	19.5	183.	5.	1109.889	33.315	5.	5.	25.	26.2
01034 CHROMIUM, TOTAL (UG/L AS CR)	12/27/77-05/02/91	31 ##	6.	19.677	300.	5.	2781.742	52.742	5.	5.	15.	15.8
01042 COPPER, TOTAL (UG/L AS CU)	12/27/77-05/02/91	31	20.	36.516	216.	5.	2010.858	44.843	5.	5.	41.	78.8
01045 IRON, TOTAL (UG/L AS FE)	10/17/77-12/05/91	41	350.	878.807	6420.	0.5	2293241.807	1514.345	13.	120.	910.	2129.6
01051 LEAD, TOTAL (UG/L AS PB)	12/27/77-05/02/91	31	5.	28.161	190.	4.	2060.206	45.389	5.	5.	37.	58.
01055 MANGANESE, TOTAL (UG/L AS MN)	10/17/77-05/02/91	41	40.	64.024	330.	5.	5016.174	70.825	5.2	22.5	85.	118.
01067 NICKEL, TOTAL (UG/L AS NI)	12/27/77-05/02/91	31 ##	5.	13.113	110.	4.	419.162	20.473	5.	5.	14.	20.
01077 SILVER, TOTAL (UG/L AS AG)	12/27/77-05/02/91	29 ##	5.	4.566	12.4	0.5	6.296	2.509	1.	3.75	5.	6.
01092 ZINC, TOTAL (UG/L AS ZN)	12/27/77-05/02/91	31	50.	105.806	470.	5.	11382.228	106.688	21.4	42.	130.	298.
01147 SELENIUM, TOTAL (UG/L AS SE)	12/27/77-05/02/91	15 ##	2.5	2.2	5.	1.	1.171	1.082	1.	1.	2.5	3.8
31503 COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	07/18/74-05/02/91	49	150000.	420857.143	5900000.	2400.853540540000.	923872.578	20000.	49000.	307500.	910000.	
31503 LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	07/18/74-05/02/91	49	5.176	5.157	6.771	3.38	0.423	0.651	4.301	4.689	5.488	5.959
31503 GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			143637.221								
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/18/74-05/02/91	48	8150.	23729.792	220000.	360.	1716729359.53	41433.433	844.	3225.	24000.	51100.
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/18/74-05/02/91	48	3.911	3.923	5.342	2.556	0.445	0.667	2.926	3.508	4.38	4.708
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			8381.392								
31673 FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/18/74-05/02/91	45	23000.	35464.444	245000.	1200.	1794701888.889	42363.922	3960.	12000.	47000.	85800.
31673 LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/18/74-05/02/91	45	4.362	4.31	5.389	3.079	0.247	0.497	3.593	4.079	4.672	4.933
31673 GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			20423.38								
39300 P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	30 ##	0.05	0.043	0.25	0.005	0.002	0.047	0.005	0.005	0.05	0.06
39310 P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	30 ##	0.025	0.037	0.25	0.005	0.002	0.046	0.005	0.005	0.05	0.05
39320 P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	16	0.015	0.021	0.06	0.005	0.	0.017	0.005	0.006	0.03	0.053
39330 ALDRIN IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	30 ##	0.025	0.032	0.25	0.005	0.003	0.051	0.005	0.005	0.025	0.049
39340 GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	09/17/80-12/16/87	16	0.03	0.038	0.13	0.005	0.001	0.034	0.005	0.009	0.058	0.102
39380 DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	30 ##	0.03	0.038	0.25	0.005	0.002	0.046	0.005	0.005	0.05	0.05
39388 ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/16/87	16 ##	0.005	0.018	0.07	0.005	0.001	0.025	0.005	0.005	0.016	0.07
39390 ENDRIN IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	30 ##	0.023	0.034	0.25	0.005	0.002	0.045	0.005	0.005	0.05	0.05
39410 HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	30 ##	0.025	0.027	0.25	0.005	0.002	0.044	0.005	0.005	0.025	0.049
39420 HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	30 ##	0.025	0.031	0.25	0.005	0.002	0.046	0.005	0.018	0.025	0.039
39782 LINDANE IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	30 ##	0.025	0.062	0.5	0.005	0.011	0.103	0.006	0.02	0.033	0.211
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/21/77-05/02/91	45	703.	1276.867	11700.	48.	3559111.664	1886.561	399.2	601.	815.5	3356.
70507 PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/18/74-05/02/91	46	0.81	1.21	7.73	0.01	2.538	1.593	0.217	0.328	1.118	2.699

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #1: 6/01 to 10/31 - Station SAMO0014

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71850 NITRATE NITROGEN, TOTAL (MG/L AS NO3)	07/18/74-12/05/90	19	2.5	4.408	16.9	0.	23.805	4.879	0.	0.	7.9	12.2
71900 MERCURY, TOTAL (UG/L AS HG)	12/27/77-05/02/91	41 ##	0.5	0.396	2.3	0.05	0.134	0.366	0.05	0.075	0.5	0.5

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #2: 11/01 to 2/29 - Station SAMO0014

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/18/74-05/02/91	59	58.	58.085	69.	46.	31.044	5.572	50.	55.	62.	65.
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/18/74-05/02/91	66	1080.	4074.288	42000.	68.	88844902.885	9425.757	127.	365.	3117.5	6024.
00300 OXYGEN, DISSOLVED MG/L	07/18/74-07/17/85	30	7.6	7.038	10.1	0.05	5.091	2.256	4.	5.8	8.925	9.36
00310 BOD, 5 DAY, 20 DEG C MG/L	07/18/74-05/02/91	60	8.5	16.348	106.	0.5	440.907	20.998	2.	4.1	18.5	54.7
00340 COD, .25N K2CR2O7 MG/L	07/18/74-12/16/87	48	93.5	110.667	695.	8.	11946.78	109.301	14.7	52.75	125.25	226.6
00403 PH, LAB, STANDARD UNITS SU	07/18/74-05/02/91	65	7.8	7.618	8.6	6.4	0.34	0.583	6.76	7.05	8.1	8.24
00403 CONVERTED PH, LAB, STANDARD UNITS	07/18/74-05/02/91	65	7.8	7.227	8.6	6.4	0.495	0.704	6.76	7.05	8.1	8.24
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/18/74-05/02/91	65	0.016	0.059	0.398	0.003	0.007	0.006	0.006	0.008	0.09	0.175
00440 BICARBONATE ION (MG/L AS HCO3)	07/18/74-05/02/91	61	172.	165.426	405.	18.	9621.382	98.089	38.	72.5	239.	287.8
00550 OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	01/06/77-07/16/87	10	2.2	3.25	11.5	0.5	10.203	3.194	0.55	1.225	4.125	10.8
00608 NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/17/79-05/02/91	38	0.295	0.661	4.9	0.005	1.213	1.101	0.005	0.029	0.645	1.79
00615 NITRITE NITROGEN, TOTAL (MG/L AS N)	12/17/79-05/02/91	32	0.1	0.155	0.5	0.005	0.027	0.166	0.007	0.05	0.185	0.5
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	07/18/74-05/02/91	56	1.23	1.516	4.56	0.	1.474	1.214	0.01	0.722	2.123	3.456
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/80-05/02/91	32	15.3	16.144	57.4	0.5	175.284	13.24	0.5	5.2	20.875	34.97
00720 CYANIDE, TOTAL (MG/L AS CN) MG/L	12/27/77-12/16/87	15 ##	0.025	1.183	10.	0.005	7.877	2.807	0.005	0.025	0.025	7.
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	07/18/74-05/02/91	60	272.5	451.5	4640.	19.	582350.559	763.119	51.3	98.	431.25	811.5
00916 CALCIUM, TOTAL (MG/L AS Ca)	07/18/74-05/02/91	60	67.95	74.292	332.	6.	3661.341	60.509	14.1	26.5	98.75	136.7
00927 MAGNESIUM, TOTAL (MG/L AS MG)	07/18/74-05/02/91	60	20.6	64.507	926.	1.	23683.323	153.894	2.19	5.7	51.75	121.
00929 SODIUM, TOTAL (MG/L AS Na)	07/18/74-05/02/91	59	83.4	469.005	8000.	4.	1715527.356	1309.781	9.7	32.	368.	785.
00937 POTASSIUM, TOTAL MG/L AS K)	07/18/74-05/02/91	59	10.2	24.868	300.	1.9	2760.648	52.542	3.3	4.6	22.8	42.5
00940 CHLORIDE, TOTAL IN WATER MG/L	07/18/74-05/02/91	61	105.	1243.066	14700.	6.	11370820.962	3372.065	17.2	33.	759.	2026.
00945 SULFATE, TOTAL (MG/L AS SO4)	07/18/74-05/02/91	61	116.	249.344	2060.	2.	206877.23	454.838	13.6	43.	229.	414.8
00951 FLUORIDE, TOTAL (MG/L AS F)	12/27/77-05/02/91	38	0.4	0.65	5.8	0.03	0.833	0.913	0.136	0.258	0.79	1.11
01002 ARSENIC, TOTAL (UG/L AS AS)	12/27/77-05/02/91	26	5.	14.827	120.	0.5	715.699	26.753	1.	2.5	13.75	54.
01007 BARIUM, TOTAL (UG/L AS BA)	12/27/77-05/02/91	37	70.	177.351	1400.	22.	76460.179	276.514	29.8	49.	135.	532.8
01022 BORON, TOTAL (UG/L AS B)	12/27/77-05/02/91	32	200.	272.039	2060.	0.05	142514.742	377.511	30.	50.	305.	674.5
01027 CADMIUM, TOTAL (UG/L AS CD)	12/27/77-05/02/91	38 ##	5.	10.605	110.	0.5	372.799	19.308	0.5	0.875	15.	31.
01032 CHROMIUM, HEXAVALENT (UG/L AS CR)	12/27/77-05/02/91	38 ##	10.	10.816	30.	2.5	69.681	8.348	2.5	5.	11.25	25.
01034 CHROMIUM, TOTAL (UG/L AS CR)	12/27/77-05/02/91	38 ##	10.	20.737	160.	5.	823.01	28.688	5.	6.5	18.5	47.3
01042 COPPER, TOTAL (UG/L AS CU)	12/27/77-05/02/91	38	16.5	39.026	220.	5.	2871.486	53.586	5.	10.	50.	95.2
01045 IRON, TOTAL (UG/L AS FE)	10/17/77-12/05/91	50	792.5	4326.08	56000.	1.	125732543.993	11213.052	40.6	171.5	3315.	9878.5
01051 LEAD, TOTAL (UG/L AS PB)	12/27/77-05/02/91	38 ##	25.	47.526	460.	5.	8157.391	90.318	5.	5.	41.	102.
01055 MANGANESE, TOTAL (UG/L AS MN)	10/17/77-05/02/91	48	50.	132.604	2100.	5.	121059.819	347.937	5.	23.25	97.5	162.
01067 NICKEL, TOTAL (UG/L AS NI)	12/27/77-05/02/91	38 ##	14.	23.724	179.	5.	1222.955	34.971	5.	5.	30.	51.3
01077 SILVER, TOTAL (UG/L AS AG)	12/27/77-05/02/91	38 ##	5.	9.868	100.	0.5	331.266	18.201	0.5	5.	10.	11.
01092 ZINC, TOTAL (UG/L AS ZN)	12/27/77-05/02/91	38	115.	162.316	584.	5.	22001.249	148.328	14.	50.	253.75	370.
01147 SELENIUM, TOTAL (UG/L AS SE)	12/27/77-05/02/91	25 ##	2.5	5.04	50.	0.5	93.978	9.694	1.3	2.5	4.	8.6
31503 COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	07/18/74-05/02/91	62	98500.	696118.226	9900000.	100	*****	1926861.809	12600.	36000.	462500.	890000.
31503 LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	07/18/74-05/02/91	62	4.993	5.024	6.996	2.	0.92	0.959	4.099	4.556	5.665	5.949
31503 GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			105782.016								
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/18/74-05/02/91	61	7900.	76793.115	3300000.	20.177627333661.803	421458.579	790.	2800.	24000.	88000.	
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/18/74-05/02/91	61	3.898	3.84	6.519	1.301	0.878	0.937	2.898	3.443	4.38	4.941
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			6916.632								
31673 FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/18/74-05/02/91	59	44500.	129581.356	2100000.	50.82845002491.233	287828.078	3600.	12000.	148000.	300000.	
31673 LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/18/74-05/02/91	59	4.648	4.511	6.322	1.699	0.883	0.939	3.556	4.079	5.17	5.477
31673 GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			32446.72								
39300 P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	26 ##	0.05	0.038	0.05	0.005	0.	0.018	0.005	0.03	0.05	0.05
39310 P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	26 ##	0.05	0.033	0.05	0.005	0.	0.022	0.005	0.005	0.05	0.05
39320 P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	12	0.02	0.025	0.05	0.005	0.	0.018	0.005	0.006	0.045	0.05

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #2: 11/01 to 2/29 - Station SAMO0014

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39330 ALDRIN IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	26 ##	0.025	0.022	0.05	0.005	0.	0.011	0.005	0.01	0.025	0.033
39340 GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	09/17/80-12/16/87	11 ##	0.01	0.054	0.36	0.005	0.011	0.106	0.005	0.005	0.05	0.31
39380 DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	26 ##	0.05	0.037	0.07	0.005	0.	0.022	0.005	0.005	0.05	0.05
39388 ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/16/87	11 ##	0.005	0.245	2.55	0.005	0.585	0.765	0.005	0.005	0.03	2.05
39390 ENDRIIN IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	26 ##	0.05	0.034	0.05	0.005	0.	0.021	0.005	0.005	0.05	0.05
39410 HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	26 ##	0.025	0.022	0.07	0.005	0.	0.014	0.005	0.01	0.025	0.033
39420 HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	26 ##	0.025	0.025	0.07	0.005	0.	0.016	0.005	0.018	0.025	0.053
39782 LINDANE IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	26 ##	0.025	0.037	0.3	0.005	0.003	0.057	0.005	0.025	0.026	0.065
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/21/77-05/02/91	42	672.	1271.357	20024.	70.	9368158.333	3060.745	140.7	271.5	942.75	2556.1
70507 PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/18/74-05/02/91	58	0.415	0.753	5.54	0.03	0.858	0.926	0.079	0.175	0.825	1.912
71850 NITRATE NITROGEN,TOTAL (MG/L AS NO3)	07/18/74-12/05/90	36	5.	6.674	32.3	0.	42.688	6.534	0.085	3.	8.65	15.29
71900 MERCURY, TOTAL (UG/L AS HG)	12/27/77-05/02/91	48 ##	0.5	1.076	6.	0.05	2.489	1.578	0.05	0.5	0.5	2.75

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #3: 3/01 to 5/31 - Station SAMO0014

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/18/74-05/02/91	33	59.	58.697	70.	48.	23.718	4.87	52.8	55.5	61.	66.8
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/18/74-05/02/91	34	955.	3135.059	34700.	100.	53313745.754	7301.626	208.5	500.5	1226.75	7870.
00300 OXYGEN, DISSOLVED MG/L	07/18/74-07/17/85	12	7.85	7.217	9.	3.1	3.322	1.823	3.82	5.9	8.875	9.
00310 BOD, 5 DAY, 20 DEG C MG/L	07/18/74-05/02/91	33	9.	11.724	45.	0.5	142.564	11.94	1.	3.	15.5	33.4
00340 COD, .25N K2CR2O7 MG/L	07/18/74-12/16/87	23	77.	127.826	620.	13.	23739.514	154.076	23.4	40.	147.	424.
00403 PH, LAB, STANDARD UNITS SU	07/18/74-05/02/91	34	7.95	7.8	8.9	6.3	0.281	0.53	7.05	7.4	8.1	8.3
00403 CONVERTED PH, LAB, STANDARD UNITS	07/18/74-05/02/91	34	7.947	7.407	8.9	6.3	0.44	0.663	7.05	7.4	8.1	8.3
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/18/74-05/02/91	34	0.011	0.039	0.501	0.001	0.008	0.087	0.005	0.008	0.04	0.094
00440 BICARBONATE ION (MG/L AS HCO3)	07/18/74-05/02/91	32	176.5	171.281	328.	27.	5678.402	75.355	46.1	128.75	229.25	261.1
00550 OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	01/06/77-07/16/87	7	3.2	6.529	30.	0.	109.026	10.442	**	**	**	**
00608 NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/17/79-05/02/91	24	0.115	0.366	1.8	0.005	0.273	0.523	0.02	0.05	0.47	1.35
00615 NITRITE NITROGEN, TOTAL (MG/L AS N)	12/17/79-05/02/91	22	0.06	0.144	0.5	0.005	0.025	0.159	0.029	0.05	0.193	0.5
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	07/18/74-05/02/91	30	1.425	1.584	6.32	0.	1.958	1.399	0.057	0.52	2.19	3.234
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/80-05/02/91	22	12.7	14.409	58.	0.5	145.206	12.05	1.25	6.625	19.2	24.71
00720 CYANIDE, TOTAL (MG/L AS CN) MG/L	12/27/77-12/16/87	6 ##	0.008	0.013	0.025	0.005	0.	0.01	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	07/18/74-05/02/91	32	242.5	515.531	3970.	32.	692539.418	832.19	68.6	179.	379.25	1241.9
00916 CALCIUM, TOTAL (MG/L AS Ca)	07/18/74-05/02/91	32	66.4	82.75	325.	7.	4807.797	69.338	21.66	45.	98.125	168.3
00927 MAGNESIUM, TOTAL (MG/L AS MG)	07/18/74-05/02/91	32	20.	75.041	768.	1.2	26487.559	162.75	2.55	9.575	40.2	201.7
00929 SODIUM, TOTAL (MG/L AS Na)	07/18/74-05/02/91	32	90.75	532.078	6780.	7.	2017771.379	1420.483	23.53	44.575	170.75	1221.9
00937 POTASSIUM, TOTAL MG/L AS K)	07/18/74-05/02/91	31	6.7	25.132	263.	0.5	3379.363	58.132	2.776	4.8	11.6	60.46
00940 CHLORIDE,TOTAL IN WATER MG/L	07/18/74-05/02/91	31	117.	959.613	12000.	7.	6708403.245	2590.059	30.2	56.	210.	2367.4
00945 SULFATE, TOTAL (MG/L AS SO4)	07/18/74-05/02/91	32	127.5	219.375	1630.	5.	110007.79	331.674	32.	70.5	197.25	423.8
00951 FLUORIDE, TOTAL (MG/L AS F)	12/27/77-05/02/91	22	0.31	0.633	3.1	0.05	0.544	0.737	0.086	0.218	0.747	1.92
01002 ARSENIC, TOTAL (UG/L AS AS)	12/27/77-05/02/91	13	5.	6.	19.	1.	23.583	4.856	1.6	2.5	8.5	15.4
01007 BARIUM, TOTAL (UG/L AS BA)	12/27/77-05/02/91	22	73.5	171.818	960.	5.	61509.203	248.01	17.8	50.	163.75	690.2
01022 BORON, TOTAL (UG/L AS B)	12/27/77-05/02/91	21	180.	208.906	560.	0.03	24427.564	156.293	34.	83.5	330.	438.
01027 CADMIUM, TOTAL (UG/L AS CD)	12/27/77-05/02/91	23 ##	5.	6.239	70.	0.5	203.974	14.282	0.5	0.5	5.	11.
01032 CHROMIUM, HEXAVALENT (UG/L AS CR)	12/27/77-05/02/91	23 ##	10.	14.37	25.	0.005	69.135	8.315	3.5	10.	25.	25.
01034 CHROMIUM, TOTAL (UG/L AS CR)	12/27/77-05/02/91	23 ##	15.	28.348	200.	5.	1838.146	42.874	5.	10.	30.	79.4
01042 COPPER, TOTAL (UG/L AS CU)	12/27/77-05/02/91	23	26.	36.261	230.	5.	2294.565	47.902	5.	10.	36.	82.8
01045 IRON, TOTAL (UG/L AS FE)	10/17/77-12/05/91	28	360.	4658.4	55200.	0.2	136206414.717	11670.75	4.7	130.	3424.5	15480.
01051 LEAD, TOTAL (UG/L AS PB)	12/27/77-05/02/91	22 ##	5.	32.818	320.	5.	4555.775	67.496	5.	5.	35.	69.8
01055 MANGANESE, TOTAL (UG/L AS MN)	10/17/77-05/02/91	27	50.	167.963	2200.	5.	180987.499	425.426	5.	15.	136.	325.8
01067 NICKEL, TOTAL (UG/L AS NI)	12/27/77-05/02/91	22 ##	7.5	27.227	160.	5.	1672.66	40.898	5.	5.	33.	99.1
01077 SILVER, TOTAL (UG/L AS AG)	12/27/77-05/02/91	22 ##	5.	4.659	10.	0.5	5.914	2.432	0.5	5.	5.	8.5
01092 ZINC, TOTAL (UG/L AS ZN)	12/27/77-05/02/91	22	105.	133.636	400.	5.	10734.528	103.608	23.	68.5	182.5	301.7
01147 SELENIUM, TOTAL (UG/L AS SE)	12/27/77-05/02/91	13 ##	2.5	2.077	3.	1.	0.577	0.76	1.	1.	2.5	2.8
31503 COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	07/18/74-05/02/91	31	68000.	157335.484	940000.	8000.45357569032.258	212973.165	14600.	25400.	200000.	532000.	
31503 LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	07/18/74-05/02/91	31	4.833	4.867	5.973	3.903	0.307	0.554	4.163	4.405	5.301	5.726

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot



### Seasonal Analysis for Season #3: 3/01 to 5/31 - Station SAMO0014

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31503 GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			73565.87								
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/18/74-05/02/91	31	11000.	19818.71	132000.	700.	955858184.946	30916.956	1300.	2400.	23000.	52400.
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/18/74-05/02/91	31	4.041	3.918	5.121	2.845	0.37	0.608	3.114	3.38	4.362	4.706
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			8281.461								
31673 FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/18/74-05/02/91	30	51450.	102006.667	763000.	300.32463349609.195	180175.885	5850.	13375.	83750.	259500.	
31673 LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/18/74-05/02/91	30	4.711	4.57	5.883	2.477	0.497	0.705	3.762	4.125	4.922	5.41
31673 GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			37123.422								
39300 P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	18 ##	0.05	0.257	3.83	0.005	0.796	0.892	0.005	0.045	0.05	0.482
39310 P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	18 ##	0.05	0.043	0.07	0.005	0.	0.019	0.005	0.04	0.05	0.061
39320 P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	7	0.07	0.064	0.12	0.005	0.002	0.041	**	**	**	**
39330 ALDRIN IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	18 ##	0.025	0.026	0.1	0.005	0.001	0.024	0.005	0.009	0.025	0.073
39340 GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	09/17/80-12/16/87	7	0.03	0.034	0.06	0.005	0.	0.018	**	**	**	**
39380 DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	18 ##	0.05	0.033	0.05	0.005	0.001	0.023	0.005	0.005	0.05	0.05
39388 ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/16/87	7 ##	0.005	0.154	0.9	0.005	0.111	0.334	**	**	**	**
39390 ENDRIN IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	18 ##	0.05	0.182	2.55	0.005	0.35	0.591	0.005	0.045	0.05	0.318
39410 HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	18 ##	0.025	0.044	0.32	0.005	0.005	0.073	0.005	0.024	0.025	0.14
39420 HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	18 ##	0.025	0.026	0.07	0.005	0.	0.016	0.005	0.024	0.025	0.061
39782 LINDANE IN WHOLE WATER SAMPLE (UG/L)	09/17/80-12/05/91	18 ##	0.025	0.049	0.19	0.005	0.003	0.051	0.023	0.025	0.043	0.154
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/21/77-05/02/91	27	658.	948.852	4748.	108.	1331405.823	1153.866	233.6	392.	800.	3427.4
70507 PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/18/74-05/02/91	30	0.305	0.55	2.41	0.08	0.281	0.53	0.132	0.2	0.708	1.264
71850 NITRATE NITROGEN,TOTAL (MG/L AS NO3)	07/18/74-12/05/90	14	3.9	4.7	11.	0.	13.891	3.727	0.1	1.75	7.525	10.35
71900 MERCURY, TOTAL (UG/L AS HG)	12/27/77-05/02/91	27 ##	0.5	0.711	6.	0.05	1.302	1.141	0.05	0.5	0.5	0.9

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

## Station Inventory for Station: SAMO0015

NPS Station ID: SAMO0015  
Location: KENTER DRAIN AT PICO BLVD  
Station Type: /TYPA/AMBNT/STREAM  
RMI-Indexes:

LAT/LON: 34.006392/-118.491115

Agency: 21CAL-1  
FIPS State/County: 06037 CALIFORNIA/LOS ANGELES  
STORET Station ID(s): Z5760060 /4051304  
Within Park Boundary: Yes

Date Created: 08/27/76

RMI-Miles:  
HUC: 18070104  
Major Basin: LOS ANGELES AREA  
Minor Basin: VENTURA LOS ANGELES COASTAL  
RF1 Index: 18070104005  
RF3 Index: 18070104000403.33

Depth of Water: 0  
Elevation: 0  
RF1 Mile Point: 8.380  
RF3 Mile Point: 20.11

Aquifer:  
Water Body Id:  
ECO Region:  
Distance from RF1: 0.00  
Distance from RF3: 0.07

On/Off RF1: OFF  
On/Off RF3:

Description:  
SURFACE WATER STATION; DATA MANAGER CODE: 3; AREAL CODE: ; BEGINNING OF RECORD: . ; ELEVATION: 8 ;  
STATION NAME: KENTER DRAIN AT PICO BLVD ; DWR COUNTY CODE: 19; LATITUDE: 340023; LONGITUDE: 1182928;  
CALIFORNIA COORDINATES:

### Parameter Inventory for Station: SAMO0015

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/18/74-07/21/78	28	58.	58.643	74.	49.	31.72	5.632	52.	55.	62.5	68.
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/18/74-07/21/78	29	4810.	9500.517	42000.	94.	175512031.687	13248.095	216.	794.	9692.5	37600.
00300 OXYGEN, DISSOLVED MG/L	07/18/74-07/21/78	21	5.7	5.586	10.1	0.2	6.454	2.541	0.94	3.95	7.6	8.26
00310 BOD, 5 DAY, 20 DEG C MG/L	07/18/74-07/21/78	25	14.	19.52	106.	1.	549.593	23.443	2.2	6.	20.	56.
00335 COD, .025N K2CR2O7 MG/L	07/18/74-07/21/78	27	161.	189.037	695.	12.	22908.96	151.357	59.6	82.	256.	393.6
00403 PH, LAB, STANDARD UNITS SU	07/18/74-07/21/78	29	7.8	7.566	8.2	6.2	0.307	0.554	6.8	7.05	8.	8.1
00403 CONVERTED PH, LAB, STANDARD UNITS	07/18/74-07/21/78	29	7.8	7.173	8.2	6.2	0.466	0.683	6.8	7.05	8.	8.1
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/18/74-07/21/78	29	0.016	0.067	0.631	0.006	0.015	0.122	0.008	0.01	0.09	0.158
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	07/18/74-12/27/77	20	171.	172.05	332.	36.	3903.945	62.482	82.9	138.	207.	234.7
00515 RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	12/27/77-03/04/78	6	237.5	1337.	7043.	87.	7817911.6	2796.053	**	**	**	**
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/08/77-05/08/77	1	100.	100.	100.	100.	0.	0.	**	**	**	**
00535 RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/06/77-05/08/77	2	19.5	19.5	29.	10.	180.5	13.435	**	**	**	**
00552 OIL & GREASE (HEXANE EXTRACTION) TOTAL,REC.,MG/L	01/06/77-05/08/77	2	1.5	1.5	2.	1.	0.5	0.707	**	**	**	**
00608 NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/17/77-11/15/77	2	0.039	0.039	0.078	0.	0.003	0.055	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/18/74-07/21/78	21	0.08	0.153	1.21	0.	0.083	0.289	0.	0.	0.135	0.614
00618 NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/18/74-07/21/78	24	0.16	0.684	4.52	0.	1.117	1.057	0.	0.	1.178	1.945
00720 CYANIDE, TOTAL (MG/L AS CN) MG/L	12/27/77-03/04/78	6	0.04	0.033	0.04	0.	0.	0.016	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	07/18/74-03/04/78	22	536.5	930.818	4640.	32.	1619455.489	1272.578	58.8	107.75	921.25	3661.
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	07/18/74-03/04/78	22	79.25	113.532	332.	7.	10329.88	101.636	15.9	29.95	147.5	313.9
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	07/18/74-03/04/78	22	64.15	158.186	926.	4.	64811.639	254.581	4.33	9.	140.5	702.
00930 SODIUM, DISSOLVED (MG/L AS Na)	07/18/74-03/04/78	20	602.	756.265	4660.	7.	1109929.415	1053.532	19.5	33.575	887.5	1816.9
00935 POTASSIUM, DISSOLVED (MG/L AS K)	07/18/74-03/04/78	19	19.5	27.358	90.	4.6	446.899	21.14	9.	11.	37.9	53.7
00941 CHLORIDE, DISSOLVED IN WATER MG/L	07/18/74-07/21/78	27	1410.	3275.852	14700.	7.	23848449.823	4883.487	28.2	156.	3443.	14440.
00946 SULFATE, DISSOLVED (MG/L AS SO4)	07/18/74-07/21/78	28	249.5	499.004	2060.	5.	416269.879	645.19	23.93	62.25	572.75	1983.
00950 FLUORIDE, DISSOLVED (MG/L AS F)	12/27/77-03/04/78	6	0.35	0.317	0.6	0.	0.042	0.204	**	**	**	**
01002 ARSENIC, TOTAL (UG/L AS AS)	12/27/77-03/04/78	6	8.	10.333	23.	4.	49.067	7.005	**	**	**	**
01007 BARIUM, TOTAL (UG/L AS BA)	12/27/77-03/04/78	6	300.	366.667	800.	0.	134666.667	366.97	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	01/10/78-03/04/78	5	200.	160.	200.	0.	8000.	89.443	**	**	**	**
01027 CADMIUM, TOTAL (UG/L AS CD)	12/27/77-03/04/78	6	20.	18.667	30.	2.	122.667	11.075	**	**	**	**
01032 CHROMIUM, HEXAVALENT (UG/L AS CR)	12/27/77-03/04/78	6	4.5	5.167	8.	4.	2.567	1.602	**	**	**	**
01034 CHROMIUM, TOTAL (UG/L AS CR)	12/27/77-03/04/78	6	10.	18.333	50.	10.	256.667	16.021	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: SAMO0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01042	COPPER, TOTAL (UG/L AS CU)	12/27/77-03/04/78	6	15.	31.667	70.	10.	896.667	29.944	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	10/17/77-03/04/78	7	2800.	10098.571	55200.	150.	402292214.286	20057.223	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	12/27/77-03/04/78	6	45.	53.333	100.	40.	546.667	23.381	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	10/17/77-03/04/78	7	50.	397.143	2200.	10.	644590.476	802.864	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	12/27/77-03/04/78	6	10.	11.667	20.	10.	16.667	4.082	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	12/27/77-03/04/78	6	165.	202.833	400.	100.	13148.167	114.665	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	12/27/77-03/04/78	6	3.	2.833	4.	1.	1.767	1.329	**	**	**	**
70299	SOLIDS, SUSP. - RESIDUE ON EVAP. AT 180 C (MG/L)	01/06/77-01/06/77	1	16.	16.	16.	16.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/21/77-10/17/77	3	1964.	1754.	3250.	48.	2596276.	1611.296	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	01/19/76-07/21/76	5	2068.	4984.2	15397.	944.	35768682.7	5980.692	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/18/74-07/21/78	22	0.56	1.345	7.57	0.08	3.565	1.888	0.109	0.203	1.558	4.784
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/18/74-07/21/78	26	0.8	3.123	20.	0.	20.42	4.519	0.	0.	5.125	8.56
71900	MERCURY, TOTAL (UG/L AS HG)	12/27/77-03/04/78	6	5.	5.	6.	4.	1.2	1.095	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0015

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	4.	21	6	0.29	7	3	0.43	11	2	0.18	3	1	0.33			
00403	PH, LAB	9.	29	0	0.00	8	0	0.00	17	0	0.00	4	0	0.00			
	Other-Lo Lim.	6.5	29	1	0.03	8	1	0.13	17	0	0.00	4	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	10.	24	0	0.00	6	0	0.00	14	0	0.00	4	0	0.00			
00720	CYANIDE, TOTAL	0.022	6	5	0.83				5	4	0.80	1	1	1.00			
	Fresh Acute	0.2	6	0	0.00				5	0	0.00	1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	860.	27	15	0.56	7	5	0.71	16	8	0.50	4	2	0.50			
	Drinking Water	250.	27	20	0.74	7	7	1.00	16	10	0.63	4	3	0.75			
00946	SULFATE, DISSOLVED (AS SO4)	250.	28	14	0.50	8	5	0.63	16	7	0.44	4	2	0.50			
00950	FLUORIDE, DISSOLVED AS F	4.	6	0	0.00				5	0	0.00	1	0	0.00			
01002	ARSENIC, TOTAL	360.	6	0	0.00				5	0	0.00	1	0	0.00			
	Drinking Water	50.	6	0	0.00				5	0	0.00	1	0	0.00			
01007	BARIUM, TOTAL	2000.	6	0	0.00				5	0	0.00	1	0	0.00			
01027	CADMIUM, TOTAL	3.9	6	5	0.83				5	5	1.00	1	0	0.00			
	Drinking Water	5.	6	5	0.83				5	5	1.00	1	0	0.00			
01032	CHROMIUM, HEXAVALENT	16.	6	0	0.00				5	0	0.00	1	0	0.00			
	Drinking Water	100.	6	0	0.00				5	0	0.00	1	0	0.00			
01034	CHROMIUM, TOTAL	100.	6	0	0.00				5	0	0.00	1	0	0.00			
01042	COPPER, TOTAL	18.	6	3	0.50				5	2	0.40	1	1	1.00			
	Drinking Water	1300.	6	0	0.00				5	0	0.00	1	0	0.00			
01051	LEAD, TOTAL	82.	6	1	0.17				5	1	0.20	1	0	0.00			
	Fresh Acute	15.	6	6	1.00				5	5	1.00	1	1	1.00			
01077	SILVER, TOTAL	4.1	6	6	1.00				5	5	1.00	1	1	1.00			
	Drinking Water	100.	6	0	0.00				5	0	0.00	1	0	0.00			
01092	ZINC, TOTAL	120.	6	5	0.83				5	4	0.80	1	1	1.00			
	Drinking Water	5000.	6	0	0.00				5	0	0.00	1	0	0.00			
01147	SELENIUM, TOTAL	20.	6	0	0.00				5	0	0.00	1	0	0.00			
	Drinking Water	50.	6	0	0.00				5	0	0.00	1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	44.	26	0	0.00	7	0	0.00	15	0	0.00	4	0	0.00			
71900	MERCURY, TOTAL	2.4	6	6	1.00				5	5	1.00	1	1	1.00			
	Drinking Water	2.	6	6	1.00				5	5	1.00	1	1	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0016

NPS Station ID: SAMO0016  
 Location: BULL CR/100 FT BELOW VICTORY BLVD.  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070105  
 Major Basin: CALIFORNIA  
 Minor Basin: LOS ANGELES RIVER  
 RF1 Index: 18070105  
 RF3 Index: 18070105001205.93  
 Description:

LAT/LON: 34.186115/-118.497226

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 6.15

Agency: 21CAL-4  
 FIPS State/County: 06037 CALIFORNIA/LOS ANGELES  
 STORET Station ID(s): WB0441110182950  
 Within Park Boundary: No

Date Created: 05/02/87

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 3.10  
 Distance from RF3: 0.01

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: SAMO0016

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00341 COD, DISSOLVED, .25N K2CR2O7 MG/L	11/03/86-11/03/86	1	64.	64.	64.	64.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	11/03/86-11/03/86	1	9.2	9.2	9.2	9.2	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	11/03/86-11/03/86	1	9.2	9.2	9.2	9.2	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/03/86-11/03/86	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	11/03/86-11/03/86	1	151.	151.	151.	151.	0.	0.	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	11/03/86-11/03/86	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00445 CARBONATE ION (MG/L AS CO3)	11/03/86-11/03/86	1	133.	133.	133.	133.	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	11/03/86-11/03/86	1	272.	272.	272.	272.	0.	0.	**	**	**	**
00918 CALCIUM, TOTAL RECOVERABLE IN WATER AS Ca MG/L	11/03/86-11/03/86	1	73.	73.	73.	73.	0.	0.	**	**	**	**
00921 MAGNESIUM, TOTAL RECOVERABLE IN WATER AS Mg MG/L	11/03/86-11/03/86	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00923 SODIUM, TOTAL RECOVERABLE IN WATER AS Na MG/L	11/03/86-11/03/86	1	67.	67.	67.	67.	0.	0.	**	**	**	**
00939 POTASSIUM, TOTAL RECOVERABLE IN WATER AS K MG/L	11/03/86-11/03/86	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	11/03/86-11/03/86	1	103.	103.	103.	103.	0.	0.	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	11/03/86-11/03/86	1	165.	165.	165.	165.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	11/03/86-11/03/86	1	0.75	0.75	0.75	0.75	0.	0.	**	**	**	**
00978 ARSENIC, TOTAL RECOVERABLE IN WATER AS As UG/L	11/03/86-11/03/86	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00979 COBALT, TOTAL RECOVERABLE IN WATER AS Co UG/L	11/03/86-11/03/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00980 IRON, TOTAL RECOVERABLE IN WATER AS Fe UG/L	11/03/86-11/03/86	1	110.	110.	110.	110.	0.	0.	**	**	**	**
00981 SELENIUM, TOTAL RECOVERABLE IN WATER AS Se UG/L	11/03/86-11/03/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
00982 THALLIUM, TOTAL RECOVERABLE IN WATER AS Tl UG/L	11/03/86-11/03/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
00983 TIN, TOTAL RECOVERABLE IN WATER AS Sn UG/L	11/03/86-11/03/86	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
00985 VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	11/03/86-11/03/86	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
00998 BERYLLIUM, TOTAL RECOVERABLE IN WATER AS Be UG/L	11/03/86-11/03/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00999 BORON, TOTAL RECOVERABLE IN WATER AS B UG/L	11/03/86-11/03/86	1	730.	730.	730.	730.	0.	0.	**	**	**	**
01009 BARIUM, TOTAL RECOVERABLE IN WATER AS Ba UG/L	11/03/86-11/03/86	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01032 CHROMIUM, HEXAVALENT (UG/L AS Cr)	11/03/86-11/03/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01074 NICKEL, TOTAL RECOVERABLE IN WATER AS Ni UG/L	11/03/86-11/03/86	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01079 SILVER, TOTAL RECOVERABLE IN WATER AS Ag UG/L	11/03/86-11/03/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01094 ZINC, TOTAL RECOVERABLE IN WATER AS Zn UG/L	11/03/86-11/03/86	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01097 ANTIMONY, TOTAL (UG/L AS Sb)	11/03/86-11/03/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01113 CADMIUM, TOTAL RECOVERABLE IN WATER AS Cd UG/L	11/03/86-11/03/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01114 LEAD, TOTAL RECOVERABLE IN WATER AS Pb UG/L	11/03/86-11/03/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01118 CHROMIUM, TOTAL RECOVERABLE IN WATER AS Cr UG/L	11/03/86-11/03/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01119 COPPER, TOTAL RECOVERABLE IN WATER AS Cu UG/L	11/03/86-11/03/86	1	19.	19.	19.	19.	0.	0.	**	**	**	**
01123 MANGANESE, TOTAL RECOVERABLE IN WATER AS Mn UG/L	11/03/86-11/03/86	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01291 CYANIDE, FILTERABLE, TOTAL IN WATER UG/L	11/03/86-11/03/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
32101 BROMODICHLOROMETHANE, WHOLE WATER, UG/L	11/03/86-04/09/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
32102 CARBON TETRACHLORIDE, WHOLE WATER, UG/L	11/03/86-04/09/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

# Parameter Inventory for Station: SAMO0016

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
32104	BROMOFORM,WHOLE WATER,UG/L	11/03/86-04/09/87	2##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	11/03/86-04/09/87	2##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
32106	CHLOROFORM,WHOLE WATER,UG/L	11/03/86-04/09/87	2##	0.525	0.525	0.8	0.25	0.151	0.389	**	**	**	**
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	11/03/86-04/09/87	2##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	11/03/86-04/09/87	2##	0.175	0.175	0.25	0.1	0.011	0.106	**	**	**	**
34200	ACENAPHTHYLENE TOTWUG/L	11/03/86-11/03/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34205	ACENAPHTHENE TOTWUG/L	11/03/86-11/03/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34220	ANTHRACENE TOTWUG/L	11/03/86-11/03/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	11/03/86-11/03/86	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	11/03/86-11/03/86	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34247	BENZO-A-PYRENE TOTWUG/L	11/03/86-11/03/86	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	11/03/86-11/03/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	11/03/86-11/03/86	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	11/03/86-11/03/86	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	11/03/86-11/03/86	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	11/03/86-11/03/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34301	CHLOROBENZENE TOTWUG/L	11/03/86-04/09/87	2##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34311	CHLOROETHANE TOTWUG/L	11/03/86-04/09/87	2##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34320	CHRYSENE TOTWUG/L	11/03/86-11/03/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34336	DIETHYL PHTHALATE TOTWUG/L	11/03/86-11/03/86	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34341	DIMETHYL PHTHALATE TOTWUG/L	11/03/86-11/03/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34351	ENDOSULFAN SULFATE TOTWUG/L	11/03/86-11/03/86	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34356	ENDOSULFAN, BETA TOTWUG/L	11/03/86-11/03/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34361	ENDOSULFAN, ALPHA TOTWUG/L	11/03/86-11/03/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34366	ENDRIN ALDEHYDE TOTWUG/L	11/03/86-11/03/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34371	ETHYL.BENZENE TOTWUG/L	11/03/86-04/09/87	2##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34376	FLUORANTHENE TOTWUG/L	11/03/86-11/03/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34381	FLUORENE TOTWUG/L	11/03/86-11/03/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	11/03/86-11/03/86	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34391	HEXACHLOROBTADIENE TOTWUG/L	11/03/86-11/03/86	1##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34396	HEXACHLOROETHANE TOTWUG/L	11/03/86-11/03/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	11/03/86-11/03/86	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34408	ISOPHORONE TOTWUG/L	11/03/86-11/03/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34413	METHYL BROMIDE TOTWUG/L	11/03/86-04/09/87	2##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34418	METHYL CHLORIDE TOTWUG/L	11/03/86-04/09/87	2##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	11/03/86-04/09/87	2##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	11/03/86-11/03/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34433	N-NITROSODIPHENYLAMINE TOTWUG/L	11/03/86-11/03/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34447	NITROBENZENE TOTWUG/L	11/03/86-11/03/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34452	PARACHLOROMETA CRESOL TOTWUG/L	11/03/86-11/03/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34461	PHENANTHRENE TOTWUG/L	11/03/86-11/03/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34469	PYRENE TOTWUG/L	11/03/86-11/03/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	11/03/86-04/09/87	2##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	11/03/86-04/09/87	2##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34496	1,1-DICHLOROETHANE TOTWUG/L	11/03/86-04/09/87	2##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34501	1,1-DICHLOROETHYLENE TOTWUG/L	11/03/86-04/09/87	2##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	11/03/86-04/09/87	2##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	11/03/86-04/09/87	2##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	11/03/86-04/09/87	2##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34521	BENZO(GH)PERYLENE,12-BENZOPERYLENE TOTWUG/L	11/03/86-11/03/86	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34526	BENZO(A)ANTHRACENE,1,2-BENZANTHRACENE TOTWUG/L	11/03/86-11/03/86	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34531	1,2-DICHLOROETHANE TOTWUG/L	11/03/86-04/09/87	2##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34536	1,2-DICHLOROBENZENE TOTWUG/L	04/09/87-04/09/87	1##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34541	1,2-DICHLOROPROPANE TOTWUG/L	11/03/86-04/09/87	2##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	11/03/86-04/09/87	2##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	11/03/86-11/03/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	11/03/86-11/03/86	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34566	1,3-DICHLOROBENZENE TOTWUG/L	04/09/87-04/09/87	1##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34571	1,4-DICHLOROBENZENE TOTWUG/L	04/09/87-04/09/87	1##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	11/03/86-04/09/87	2##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34581	2-CHLORONAPHTHALENE TOTWUG/L	11/03/86-11/03/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34586	2-CHLOROPHENOL TOTWUG/L	11/03/86-11/03/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34591	2-NITROPHENOL TOTWUG/L	11/03/86-11/03/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

# Parameter Inventory for Station: SAMO0016

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
34596	DI-N-OCTYL PHTHALATE TOTWUG/L	11/03/86-11/03/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34601	2,4-DICHLOROPHENOL TOTWUG/L	11/03/86-11/03/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34606	2,4-DIMETHYLPHENOL TOTWUG/L	11/03/86-11/03/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34611	2,4-DINITROTOLUENE TOTWUG/L	11/03/86-11/03/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34616	2,4-DINITROPHENOL TOTWUG/L	11/03/86-11/03/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	11/03/86-11/03/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34626	2,6-DINITROTOLUENE TOTWUG/L	11/03/86-11/03/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	11/03/86-11/03/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	11/03/86-11/03/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	11/03/86-11/03/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34646	4-NITROPHENOL TOTWUG/L	11/03/86-11/03/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	11/03/86-11/03/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34668	DICHLORODIFUOROMETHANE TOTWUG/L	11/03/86-04/09/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34671	PCB - 1016 TOTWUG/L	11/03/86-11/03/86	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	11/03/86-11/03/86	2 ##	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
34696	NAPHTHALENE TOTWUG/L	11/03/86-11/03/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	11/03/86-04/09/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	11/03/86-04/09/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	11/03/86-11/03/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39045	2,4,5-TP INCLUDES ACIDS & SALTS WATER SAMPL UG/L	11/03/86-11/03/86	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	11/03/86-11/03/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	11/03/86-11/03/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	11/03/86-11/03/86	1 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	11/03/86-04/09/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	11/03/86-04/09/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	11/03/86-11/03/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	11/03/86-11/03/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	11/03/86-11/03/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	11/03/86-11/03/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	11/03/86-11/03/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	11/03/86-11/03/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	11/03/86-11/03/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	11/03/86-11/03/86	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	11/03/86-11/03/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	11/03/86-11/03/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	11/03/86-11/03/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	11/03/86-11/03/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	11/03/86-11/03/86	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	11/03/86-11/03/86	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	11/03/86-11/03/86	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	11/03/86-11/03/86	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	11/03/86-11/03/86	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	11/03/86-11/03/86	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
39700	HEXACHLORO BENZENE IN WHOLE WATER SAMPLE (UG/L)	11/03/86-11/03/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
70304	SOLIDS, TOTAL DISSOLVED-COND. METER (MG/L)	11/03/86-11/03/86	1	511.	511.	511.	511.	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	11/03/86-11/03/86	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	11/03/86-11/03/86	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	11/03/86-11/03/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	11/03/86-04/09/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
77128	STYRENE WHOLE WATER,UG/L	11/03/86-04/09/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
77134	1,3-DIMETHYLBENZENE(M-XYLENE) WHOLE WATER,UG/L	11/03/86-11/03/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
77135	O-XYLENE WHOLE WATER,UG/L	11/03/86-11/03/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	04/09/87-04/09/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
81552	ACETONE WHL WATER SMPL UG/L	04/09/87-04/09/87	1	14.	14.	14.	14.	0.	0.	**	**	**	**
81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	11/03/86-04/09/87	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
81596	METHYL-ISOBUTYL KETONE WHL WATER SMPL UG/L	11/03/86-04/09/87	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
81710	M-XYLENE IN THE WHOLE WATER SAMPLE MG/L	04/09/87-04/09/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
81711	O-XYLENE IN THE WHOLE WATER SAMPLE MG/L	04/09/87-04/09/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0016

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400 PH	Other-Hi Lim.	9.	1	1	1.00				1	1	1.00						
	Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00940 CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
	Drinking Water	250.	1	0	0.00				1	0	0.00						
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00				1	0	0.00						
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00				1	0	0.00						
00978 ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Fresh Acute	360.	1	0	0.00				1	0	0.00						
	Drinking Water	50.	1	0	0.00				1	0	0.00						
00981 SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Fresh Acute	20.	1	0	0.00				1	0	0.00						
	Drinking Water	50.	1	0	0.00				1	0	0.00						
00982 THALLIUM, TOTAL RECOVERABLE IN WATER AS	Fresh Acute	1400.	1	0	0.00				1	0	0.00						
	Drinking Water	2.	0 &	0	0.00												
00998 BERYLLIUM,TOTAL RECOVERABLE IN WATER AS	Fresh Acute	130.	1	0	0.00				1	0	0.00						
	Drinking Water	4.	1	0	0.00				1	0	0.00						
01009 BARIUM,TOTAL RECOVERABLE IN WATER AS BA	Drinking Water	2000.	1	0	0.00				1	0	0.00						
01032 CHROMIUM, HEXAVALENT	Fresh Acute	16.	1	0	0.00				1	0	0.00						
	Drinking Water	100.	1	0	0.00				1	0	0.00						
01074 NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Fresh Acute	1400.	1	0	0.00				1	0	0.00						
	Drinking Water	100.	1	0	0.00				1	0	0.00						
01079 SILVER, TOTAL RECOVERABLE IN WATER AS AG	Fresh Acute	4.1	1	0	0.00				1	0	0.00						
	Drinking Water	100.	1	0	0.00				1	0	0.00						
01094 ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Fresh Acute	120.	1	0	0.00				1	0	0.00						
	Drinking Water	5000.	1	0	0.00				1	0	0.00						
01097 ANTIMONY, TOTAL	Fresh Acute	88.	1	0	0.00				1	0	0.00						
	Drinking Water	6.	1	0	0.00				1	0	0.00						
01113 CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Fresh Acute	3.9	1	0	0.00				1	0	0.00						
	Drinking Water	5.	1	0	0.00				1	0	0.00						
01114 LEAD, TOTAL RECOVERABLE IN WATER AS PB	Fresh Acute	82.	1	0	0.00				1	0	0.00						
	Drinking Water	15.	1	0	0.00				1	0	0.00						
01118 CHROMIUM TOTAL RECOVERABLE IN WATER AS C	Drinking Water	100.	1	0	0.00				1	0	0.00						
01119 COPPER, TOTAL RECOVERABLE IN WATER AS CU	Fresh Acute	18.	1	1	1.00				1	1	1.00						
	Drinking Water	1300.	1	0	0.00				1	0	0.00						
01291 CYANIDE, FILTERABLE, TOTAL IN WATER	Fresh Acute	22.	1	0	0.00				1	0	0.00						
	Drinking Water	200.	1	0	0.00				1	0	0.00						
32101 BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	2	0	0.00				1	0	0.00	1	0	0.00			
32102 CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	5.	2	0	0.00				1	0	0.00	1	0	0.00			
32104 BROMOFORM, WHOLE WATER	Drinking Water	100.	2	0	0.00				1	0	0.00	1	0	0.00			
32105 DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	2	0	0.00				1	0	0.00	1	0	0.00			
32106 CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	100.	2	0	0.00				1	0	0.00	1	0	0.00			
34010 TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	1000.	2	0	0.00				1	0	0.00	1	0	0.00			
34205 ACENAPHTHENE, TOTAL	Fresh Acute	1700.	1	0	0.00				1	0	0.00						
34301 CHLOROBENZENE, TOTAL	Drinking Water	100.	2	0	0.00				1	0	0.00	1	0	0.00			
34356 ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	0 &	0	0.00												
34361 ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	0 &	0	0.00												
34371 ETHYLBENZENE, TOTAL	Fresh Acute	32000.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	700.	2	0	0.00				1	0	0.00	1	0	0.00			
34376 FLUORANTHENE, TOTAL	Fresh Acute	3980.	1	0	0.00				1	0	0.00						
34386 HEXACHLOROCYCLOPENTADIENE	Fresh Acute	7.	1	0	0.00				1	0	0.00						
34386 HEXACHLOROCYCLOPENTADIENE, TOTAL	Drinking Water	50.	1	0	0.00				1	0	0.00						
34391 HEXACHLOROBUTADIENE, TOTAL	Fresh Acute	90.	1	0	0.00				1	0	0.00						
34396 HEXACHLOROETHANE, TOTAL	Fresh Acute	980.	1	0	0.00				1	0	0.00						
34403 IDENO (1,2,3-CD) PYRENE	Drinking Water	0.4	0 &	0	0.00												
34408 ISOPHORONE, TOTAL	Fresh Acute	117000.	1	0	0.00				1	0	0.00						
34423 METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	2	0	0.00				1	0	0.00	1	0	0.00			
34447 NITROBENZENE, TOTAL	Fresh Acute	27000.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### EPA Water Quality Criteria Analysis for Station: SAMO0016

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
34452 PARACHLOROMETA CRESOL, TOTAL	Fresh Acute	30.	1	0	0.00				1	0	0.00						
34461 PHENANTHRENE, TOTAL	Fresh Acute	30.	1	0	0.00				1	0	0.00						
34475 TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	2	0	0.00				1	0	0.00						
	Drinking Water	5.	2	0	0.00				1	0	0.00	1	0	0.00			
34501 1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	2	0	0.00				1	0	0.00	1	0	0.00			
34506 1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	2	0	0.00				1	0	0.00	1	0	0.00			
34511 1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	2	0	0.00				1	0	0.00	1	0	0.00			
34531 1,2-DICHLOROETHANE, TOTAL	Fresh Acute	118000.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	5.	2	0	0.00				1	0	0.00	1	0	0.00			
34536 1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00							1	0	0.00			
34541 1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	2	0	0.00				1	0	0.00	1	0	0.00			
34546 TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	2	0	0.00				1	0	0.00	1	0	0.00			
34551 1,2,4-TRICHLOROBENZENE, TOTAL	Drinking Water	70.	1	0	0.00				1	0	0.00						
34566 1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00							1	0	0.00			
34571 1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	1	0	0.00							1	0	0.00			
34586 2-CHLOROPHENOL, TOTAL	Fresh Acute	4380.	1	0	0.00				1	0	0.00						
34601 2,4-DICHLOROPHENOL, TOTAL	Fresh Acute	2020.	1	0	0.00				1	0	0.00						
34606 2,4-DIMETHYLPHENOL, TOTAL	Fresh Acute	2120.	1	0	0.00				1	0	0.00						
34611 2,4-DINITROTOLUENE, TOTAL	Fresh Acute	330.	1	0	0.00				1	0	0.00						
34694 PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	Fresh Acute	10200.	2	0	0.00				2	0	0.00						
34696 NAPHTHALENE, TOTAL	Fresh Acute	2300.	1	0	0.00				1	0	0.00						
39032 PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	1	0	0.00				1	0	0.00						
	Drinking Water	1.	0 &	0	0.00												
39045 2,4,5-TP INCLUDES ACIDS & SALTS WATER SA	Drinking Water	50.	1	0	0.00				1	0	0.00						
39100 BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	Fresh Acute	2000.	1	0	0.00				1	0	0.00						
	Drinking Water	6.	1	0	0.00				1	0	0.00						
39175 VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	2	0	0.00				1	0	0.00	1	0	0.00			
39180 TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	5.	2	0	0.00				1	0	0.00	1	0	0.00			
39300 P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	1	0	0.00				1	0	0.00						
39310 P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	0 &	0	0.00												
39320 P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	1	0	0.00				1	0	0.00						
39330 ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	1	0	0.00				1	0	0.00						
39340 GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	1	0	0.00				1	0	0.00						
	Drinking Water	0.2	0 &	0	0.00												
39370 DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	1	1	1.00				1	1	1.00						
39380 DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	1	0	0.00				1	0	0.00						
39390 ENDNRN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	0 &	0	0.00												
	Drinking Water	2.	1	0	0.00				1	0	0.00						
39410 HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	0 &	0	0.00												
	Drinking Water	0.4	0 &	0	0.00												
39420 HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	0 &	0	0.00												
	Drinking Water	0.2	0 &	0	0.00												
39700 HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Drinking Water	1.	0 &	0	0.00												
39700 HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	1	0	0.00				1	0	0.00						
71851 NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00				1	0	0.00						
71901 MERCURY,TOTAL RECOVERABLE IN WATER AS HG	Fresh Acute	2.4	1	0	0.00				1	0	0.00						
	Drinking Water	2.	1	0	0.00				1	0	0.00						
77093 CIS-1,2-DICHLOROETHYLENE, WHOLE WATER	Drinking Water	70.	2	0	0.00				1	0	0.00	1	0	0.00			
77128 STYRENE, WHOLE WATER	Drinking Water	100.	2	0	0.00				1	0	0.00	1	0	0.00			
77651 1,2-DIBROMOETHANE, WHOLE WATER	Drinking Water	0.05	0 &	0	0.00												

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



## Station Inventory for Station: SAMO0017

NPS Station ID: SAMO0017  
 Location: LOS ANGELES RIVER AT BALBOA BLVD.  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070105  
 Major Basin: CALIFORNIA  
 Minor Basin: LOS ANGELES RIVER  
 RF1 Index: 18070105  
 RF3 Index: 18070105024800.00  
 Description:

LAT/LON: 34.179726/-118.500005

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 1.77

Agency: 21CAL-4  
 FIPS State/County: 06037 CALIFORNIA/LOS ANGELES  
 STORET Station ID(s): WB0441047183000  
 Within Park Boundary: No

Date Created: 06/06/87

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 18.80  
 Distance from RF3: 0.17

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: SAMO0017

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32101 BROMODICHLOROMETHANE,WHOLE WATER,UG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
32102 CARBON TETRACHLORIDE,WHOLE WATER,UG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
32104 BROMOFORM,WHOLE WATER,UG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
32105 DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
32106 CHLOROFORM,WHOLE WATER,UG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34010 TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34030 BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	03/24/87-03/24/87	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34301 CHLOROBENZENE TOTWUG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34311 CHLOROETHANE TOTWUG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34371 ETHYLBENZENE TOTWUG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34413 METHYL BROMIDE TOTWUG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34418 METHYL CHLORIDE TOTWUG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34423 METHYLENE CHLORIDE TOTWUG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34475 TETRACHLOROETHYLENE TOTWUG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34488 TRICHLOROFLUOROMETHANE TOTWUG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34496 1,1-DICHLOROETHANE TOTWUG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34501 1,1-DICHLOROETHYLENE TOTWUG/L	03/24/87-03/24/87	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34506 1,1,1-TRICHLOROETHANE TOTWUG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34511 1,1,2-TRICHLOROETHANE TOTWUG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34516 1,1,2,2-TETRACHLOROETHANE TOTWUG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34531 1,2-DICHLOROETHANE TOTWUG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34536 1,2-DICHLOROBENZENE TOTWUG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34541 1,2-DICHLOROPROPANE TOTWUG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34546 TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34566 1,3-DICHLOROBENZENE TOTWUG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34571 1,4-DICHLOROBENZENE TOTWUG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34576 2-CHLOROETHYL VINYL ETHER TOTWUG/L	03/24/87-03/24/87	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34668 DICHLORODIFLUOROMETHANE TOTWUG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34699 TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34704 CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39175 VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39180 TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
77093 CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
77128 STYRENE WHOLE WATER,UG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
77651 1,2-DIBROMOETHANE WHOLE WATER,UG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
81595 METHYL ETHYL KETONE WHL WATER SMPL UG/L	03/24/87-03/24/87	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
81596 METHYL-ISOBUTYL KETONE WHL WATER SMPL UG/L	03/24/87-03/24/87	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
81710 M-XYLENE IN THE WHOLE WATER SAMPLE MG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: SAMO0017

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
81711 O-XYLENE IN THE WHOLE WATER SAMPLE MG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0017

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
32101 BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00							1	0	0.00			
32102 CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	1	0	0.00							1	0	0.00			
	Drinking Water	5.	1	0	0.00							1	0	0.00			
32104 BROMOFORM, WHOLE WATER	Drinking Water	100.	1	0	0.00							1	0	0.00			
32105 DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00							1	0	0.00			
32106 CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	1	0	0.00							1	0	0.00			
	Drinking Water	100.	1	0	0.00							1	0	0.00			
34010 TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	1	0	0.00							1	0	0.00			
	Drinking Water	1000.	1	0	0.00							1	0	0.00			
34301 CHLOROBENZENE, TOTAL	Drinking Water	100.	1	0	0.00							1	0	0.00			
34371 ETHYLBENZENE, TOTAL	Fresh Acute	32000.	1	0	0.00							1	0	0.00			
	Drinking Water	700.	1	0	0.00							1	0	0.00			
34423 METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	1	0	0.00							1	0	0.00			
34475 TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	1	0	0.00							1	0	0.00			
	Drinking Water	5.	1	0	0.00							1	0	0.00			
34501 1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	1	0	0.00							1	0	0.00			
34506 1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	1	0	0.00							1	0	0.00			
34511 1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	1	0	0.00							1	0	0.00			
34531 1,2-DICHLOROETHANE, TOTAL	Fresh Acute	118000.	1	0	0.00							1	0	0.00			
	Drinking Water	5.	1	0	0.00							1	0	0.00			
34536 1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00							1	0	0.00			
34541 1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	1	0	0.00							1	0	0.00			
34546 TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	1	0	0.00							1	0	0.00			
34566 1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00							1	0	0.00			
34571 1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	1	0	0.00							1	0	0.00			
39175 VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	1	0	0.00							1	0	0.00			
39180 TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	1	0	0.00							1	0	0.00			
	Drinking Water	5.	1	0	0.00							1	0	0.00			
77093 CIS-1,2-DICHLOROETHYLENE, WHOLE WATER	Drinking Water	70.	1	0	0.00							1	0	0.00			
77128 STYRENE, WHOLE WATER	Drinking Water	100.	1	0	0.00							1	0	0.00			
77651 1,2-DIBROMOETHANE, WHOLE WATER	Drinking Water	0.05	0 &	0	0.00												

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0018

NPS Station ID: SAMO0018  
 Location: SANTA MONICA CANYON CHANNEL  
 Station Type: /TYP/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070104  
 Major Basin: SANTA MONICA BAY  
 Minor Basin: TOPANGA QUADRANGLE  
 RF1 Index: 18070104006  
 RF3 Index: 18070105013500.00  
 Description:

LAT/LON: 34.028892/-118.516393

Depth of Water: 999  
 Elevation: 0

RF1 Mile Point: 0.540  
 RF3 Mile Point: 0.00

Agency: 21CALAFD  
 FIPS State/County: 06037 CALIFORNIA/LOS ANGELES  
 STORET Station ID(s): STMSHO /TG 40D5J6 1  
 Within Park Boundary: No

Date Created: / /

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 0.00  
 Distance from RF3: 0.02

On/Off RF1: OFF  
 On/Off RF3:

## Parameter Inventory for Station: SAMO0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/27/77-11/16/79	19	13.3	13.921	18.8	8.9	6.167	2.483	11.1	12.2	15.6	18.1
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/27/77-05/02/91	114	58.	57.504	79.	38.	46.454	6.816	49.	53.	61.	65.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/27/77-05/02/91	122	1280.5	1106.795	1700.	195.	143408.363	378.693	390.	941.5	1351.5	1428.8
00300	OXYGEN, DISSOLVED MG/L	12/04/74-07/09/85	54	10.	9.65	14.	5.	3.98	1.995	6.7	8.45	11.	12.05
00310	BOD, 5 DAY, 20 DEG C MG/L	12/27/77-04/03/91	93	3.	4.702	31.	0.	28.998	5.385	1.	2.	5.5	11.
00340	COD, .25N K2CR2O7 MG/L	12/27/77-03/21/84	76	21.	60.572	914.	0.5	15721.018	125.383	4.	9.	49.75	146.5
00403	PH, LAB, STANDARD UNITS SU	12/27/77-05/02/91	122	8.2	8.019	8.9	6.3	0.204	0.451	7.4	7.8	8.3	8.5
00403	CONVERTED PH, LAB, STANDARD UNITS	12/27/77-05/02/91	122	8.2	7.671	8.9	6.3	0.325	0.57	7.4	7.8	8.3	8.5
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/27/77-05/02/91	122	0.006	0.021	0.501	0.001	0.003	0.053	0.003	0.005	0.016	0.04
00440	BICARBONATE ION (MG/L AS HCO3)	12/27/77-05/02/91	119	278.	250.118	399.	46.	7060.85	84.029	105.	201.	309.	332.
00445	CARBONATE ION (MG/L AS CO3)	11/17/78-04/17/79	2	4.	4.	4.	4.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/09/80-03/04/83	13	1230.	2294.692	7410.	25.	6370446.564	2523.974	51.	171.	4380.	6774.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/09/80-03/04/83	13	130.	187.846	580.	4.	45093.641	212.353	6.4	14.	355.	556.
00547	RESIDUE, TOTAL NON-SETTLEABLE (MG/L)	12/29/77-03/27/79	6	291.5	2066.333	10300.	5.	16575114.667	4071.255	**	**	**	**
00549	RESIDUE, VOLATILE NONSETTLEABLE (MG/L)	12/29/77-03/27/79	6	155.	414.5	1420.	2.	321573.5	567.075	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	07/09/85-07/07/87	3 ##	0.25	0.927	2.3	0.23	1.415	1.189	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/17/79-05/02/91	95	0.06	0.836	60.08	0.005	37.851	6.152	0.005	0.03	0.2	0.638
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/27/77-11/16/79	22	0.12	0.209	0.78	0.04	0.047	0.216	0.04	0.078	0.235	0.687
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/17/79-05/02/91	88 ##	0.05	0.115	0.5	0.005	0.03	0.173	0.005	0.02	0.071	0.5
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/27/77-05/02/91	111	3.03	2.994	7.74	0.015	1.611	1.269	1.311	2.05	3.77	4.48
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/18/79-01/23/80	4	3.46	3.283	3.91	2.3	0.526	0.725	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/80-04/03/91	61	3.5	9.238	118.	0.5	287.18	16.946	0.5	1.85	10.35	21.9
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	12/27/77-07/07/87	21 ##	0.025	0.254	5.	0.005	1.183	1.087	0.005	0.005	0.025	0.025
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	12/27/77-05/02/91	120	517.5	453.475	723.	37.	25962.117	161.128	145.6	361.	562.25	601.9
00916	CALCIUM, TOTAL (MG/L AS Ca)	12/27/77-05/02/91	120	109.5	100.77	197.	16.	1373.645	37.063	42.11	80.	124.5	144.9
00927	MAGNESIUM, TOTAL (MG/L AS MG)	12/27/77-05/02/91	120	57.9	49.78	81.	2.	400.82	20.02	13.	39.625	64.	69.09
00929	SODIUM, TOTAL (MG/L AS NA)	12/27/77-05/02/91	119	69.	68.864	200.	7.9	1062.884	32.602	20.	50.3	92.5	105.
00937	POTASSIUM, TOTAL MG/L AS K)	12/27/77-05/02/91	119	4.5	6.067	35.	0.5	27.169	5.212	3.	3.5	6.	11.7
00940	CHLORIDE, TOTAL IN WATER MG/L	12/27/77-05/02/91	118	83.	82.737	253.	6.	1897.341	43.558	21.9	57.	109.25	130.1
00945	SULFATE, TOTAL (MG/L AS SO4)	12/27/77-05/02/91	119	261.	240.588	487.	27.	10348.651	101.728	65.	193.	310.	346.
00951	FLUORIDE, TOTAL (MG/L AS F)	12/27/77-05/02/91	80	0.44	0.474	1.2	0.03	0.062	0.249	0.108	0.3	0.615	0.8
01000	ARSENIC, DISSOLVED (UG/L AS AS)	01/09/80-02/04/90	8	11.5	18.313	77.	2.5	618.71	24.874	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	12/27/77-05/02/91	55 ##	2.5	10.7	214.	0.5	932.07	30.53	1.	2.5	6.	23.6
01005	BARIUM, DISSOLVED (UG/L AS BA)	01/09/80-02/04/90	7	30.	609.571	3210.	5.	1417046.286	1190.398	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	12/27/77-05/02/91	79	50.	220.911	3300.	12.	303135.338	550.577	30.	35.	71.	400.
01022	BORON, TOTAL (UG/L AS B)	12/27/77-05/02/91	66	170.	170.294	650.	0.03	15221.279	123.375	17.	50.	220.	319.
01025	CADMIUM, DISSOLVED (UG/L AS CD)	01/09/80-02/04/90	8 ##	5.	9.75	34.	5.	100.786	10.039	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	12/27/77-05/02/91	88 ##	5.	4.96	30.	0.5	30.519	5.524	0.5	0.5	5.	15.

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

# Parameter Inventory for Station: SAMO0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	01/09/80-02/04/90	8 ##	12.5	30.25	167.	2.5	3111.571	55.781	**	**	**	**
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	12/27/77-05/02/91	85 ##	10.	14.353	119.	0.005	259.444	16.107	2.5	5.	25.	25.
01034	CHROMIUM, TOTAL (UG/L AS CR)	12/27/77-05/02/91	88 ##	10.	39.267	675.	3.	9079.511	95.286	5.	5.	15.	102.
01040	COPPER, DISSOLVED (UG/L AS CU)	01/09/80-02/04/90	8	72.5	207.5	1140.	5.	147081.714	383.512	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	12/27/77-05/02/91	88 ##	5.5	32.358	311.	3.5	3674.954	60.621	5.	5.	28.5	93.3
01045	IRON, TOTAL (UG/L AS FE)	12/27/77-12/05/91	113	130.	4611.404	167000.	0.2	308526791.013	17564.931	6.2	48.	655.	17892.
01046	IRON, DISSOLVED (UG/L AS FE)	02/15/80-02/04/90	7	3100.	84231.429	352200.	90.18201658480.952	134913.522	**	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	01/09/80-02/04/90	8 ##	17.5	113.	539.	5.	34163.714	184.834	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	12/27/77-05/02/91	87 ##	5.	20.368	240.	1.	1185.003	34.424	5.	5.	25.	52.
01055	MANGANESE, TOTAL (UG/L AS MN)	12/27/77-05/02/91	112	20.5	221.917	3910.	5.	444581.426	666.769	5.	5.	70.	500.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	02/15/80-02/04/90	7	60.	1672.857	5520.	10.	4986857.143	2233.127	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	01/09/80-02/04/90	8 ##	60.5	508.375	3600.	5.	1566293.696	1251.517	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	12/27/77-05/02/91	87 ##	5.	52.575	1480.	4.	32231.666	179.532	5.	5.	20.	89.
01075	SILVER, DISSOLVED (UG/L AS AG)	01/09/80-02/04/90	8 ##	5.	9.5	25.	2.	61.143	7.819	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	12/27/77-05/02/91	85 ##	5.	4.885	10.	0.5	6.283	2.507	1.	5.	5.	10.
01090	ZINC, DISSOLVED (UG/L AS ZN)	01/09/80-02/04/90	8	75.	814.875	5110.	7.	3093646.982	1758.877	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	12/27/77-05/02/91	87	50.	126.529	1350.	3.5	57257.56	239.286	5.	20.	100.	416.
01145	SELENIUM, DISSOLVED (UG/L AS SE)	01/09/80-02/04/90	8 ##	3.75	14.375	90.	2.5	935.268	30.582	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	12/27/77-05/02/91	50 ##	2.5	2.99	25.	1.	11.209	3.348	1.	2.375	2.5	4.9
01220	CHROMIUM, HEXAVALENT, DISSOLVED IN (UG/L AS CR)	01/09/80-02/04/90	8 ##	10.	263.25	1760.	10.	371707.643	609.678	**	**	**	**
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	12/04/74-05/02/91	118	8000.	61791.449	920000.	1.24866521993.788	157691.224	1070.	2725.	34500.	162000.	5.209
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	12/04/74-05/02/91	118	3.903	3.974	5.964	0.	0.799	0.894	3.028	3.435	4.538	5.209
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			9410.105								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/04/74-05/02/91	117	960.	8570.598	152000.	1.	624457999.139	24989.158	160.	485.	3500.	16600.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/04/74-05/02/91	117	2.982	3.124	5.182	0.	0.648	0.805	2.204	2.686	3.54	4.22
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1329.082								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	12/04/74-05/02/91	113	4000.	31793.628	827000.	50.	8617192221.539	92828.833	780.	2000.	14000.	81800.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	12/04/74-05/02/91	113	3.602	3.761	5.918	1.699	0.597	0.773	2.889	3.301	4.145	4.913
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			5768.307								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	03/12/91-05/02/91	3	500.	733.333	1400.	300.	343333.333	585.947	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	03/12/91-05/02/91	3	2.699	2.774	3.146	2.477	0.116	0.341	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			594.392								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	07/09/85-07/07/87	3 ##	0.003	0.003	0.005	0.003	0.	0.001	**	**	**	**
34253	A-BHC-ALPHA DISSUG/L	02/09/89-02/04/90	4 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34352	ENDOSULFAN SULFATE DISSUG/L	02/09/89-02/04/90	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34357	ENDOSULFAN, BETA DISSUG/L	02/09/89-02/04/90	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34362	ENDOSULFAN, ALPHA DISSUG/L	02/09/89-02/04/90	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34672	PCB - 1016 DISSUG/L	02/09/89-02/04/90	4 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	02/09/89-02/04/90	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	02/09/89-02/04/90	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	02/09/89-02/04/90	4 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	02/09/89-02/04/90	4 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39352	CHLORDANE(TECH MIX & METABS),DISSOLVED,UG/L	02/09/89-02/04/90	4 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	02/09/89-02/04/90	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	02/09/89-02/04/90	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	02/09/89-02/04/90	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	02/09/89-02/04/90	4 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	02/09/89-02/04/90	4 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	02/09/89-02/04/90	4 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	02/09/89-02/04/90	4 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	02/09/89-02/04/90	4 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	02/09/89-02/04/90	4 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	02/09/89-02/04/90	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	02/09/89-02/04/90	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	02/09/89-02/04/90	4 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
45501	HYDROCARBON IN WATER, FREON EXT, CHROMAT, IR MG/L	05/11/88-05/02/91	38 ##	0.5	0.516	1.05	0.1	0.053	0.23	0.1	0.5	0.5	0.9
46323	DELTA-BHC IN WHOLE WATER SMAPLE (UG/L)	02/09/89-02/04/90	4 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
70295	RESIDUE,TOTAL FILTRABLE (DRIED AT ANY TEMP),MG/L	12/27/77-03/27/79	11	390.	466.727	942.	198.	46834.018	216.412	219.	348.	630.	899.2
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/19/78-05/02/91	109	900.	806.495	1254.	130.	56259.567	237.191	388.	750.	938.	991.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	11/17/78-04/17/79	2	1032.	1032.	1083.	981.	5202.	72.125	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/10/78-05/02/91	113	0.08	0.214	1.93	0.005	0.13	0.361	0.02	0.04	0.155	0.588
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	12/27/77-12/05/90	53	12.5	12.625	29.	0.5	34.691	5.89	5.04	7.2	16.4	19.92
71890	MERCURY, DISSOLVED (UG/L AS HG)	01/09/80-02/04/90	8 ##	0.5	1.344	7.7	0.05	6.621	2.573	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: SAMO0018

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71900 MERCURY, TOTAL (UG/L AS HG)	12/27/77-05/02/91	114 ##	0.5	1.214	50.2	0.05	23.135	4.81	0.05	0.5	0.5	2.5

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0018

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	54	0	0.00	23	0	0.00	19	0	0.00	12	0	0.00			
00403 PH, LAB	Other-Hi Lim.	9.	122	0	0.00	39	0	0.00	53	0	0.00	30	0	0.00			
	Other-Lo Lim.	6.5	122	1	0.01	39	0	0.00	53	1	0.02	30	0	0.00			
00615 NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	88	0	0.00	34	0	0.00	31	0	0.00	23	0	0.00			
00620 NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	111	0	0.00	38	0	0.00	45	0	0.00	28	0	0.00			
00630 NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	0	0.00	1	0	0.00	3	0	0.00						
00720 CYANIDE, TOTAL	Fresh Acute	0.022	10 &	1	0.10	3	1	0.33	3	0	0.00	4	0	0.00			
	Drinking Water	0.2	20 &	0	0.00	3	0	0.00	11	0	0.00	6	0	0.00			
00940 CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	118	0	0.00	39	0	0.00	49	0	0.00	30	0	0.00			
	Drinking Water	250.	118	1	0.01	39	0	0.00	49	0	0.00	30	1	0.03			
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	119	70	0.59	39	27	0.69	50	25	0.50	30	18	0.60			
00951 FLUORIDE, TOTAL AS F	Drinking Water	4.	80	0	0.00	21	0	0.00	37	0	0.00	22	0	0.00			
01000 ARSENIC, DISSOLVED	Fresh Acute	360.	8	0	0.00				6	0	0.00	2	0	0.00			
	Drinking Water	50.	8	1	0.13				6	1	0.17	2	0	0.00			
01002 ARSENIC, TOTAL	Fresh Acute	360.	55	0	0.00	17	0	0.00	25	0	0.00	13	0	0.00			
	Drinking Water	50.	55	3	0.05	17	0	0.00	25	2	0.08	13	1	0.08			
01005 BARIUM, DISSOLVED	Drinking Water	2000.	7	1	0.14				5	1	0.20	2	0	0.00			
01007 BARIUM, TOTAL	Drinking Water	2000.	79	2	0.03	27	0	0.00	32	1	0.03	20	1	0.05			
01025 CADMIUM, DISSOLVED	Fresh Acute	3.9	3 &	3	1.00				2	2	1.00	1	1	1.00			
	Drinking Water	5.	3 &	3	1.00				2	2	1.00	1	1	1.00			
01027 CADMIUM, TOTAL	Fresh Acute	3.9	42 &	4	0.10	16	1	0.06	16	3	0.19	10	0	0.00			
	Drinking Water	5.	42 &	4	0.10	16	1	0.06	16	3	0.19	10	0	0.00			
01030 CHROMIUM, DISSOLVED	Drinking Water	100.	8	1	0.13				6	0	0.00	2	1	0.50			
01032 CHROMIUM, HEXAVALENT	Fresh Acute	16.	64 &	3	0.05	20	1	0.05	29	1	0.03	15	1	0.07			
	Drinking Water	100.	85	1	0.01	27	1	0.04	36	0	0.00	22	0	0.00			
01034 CHROMIUM, TOTAL	Drinking Water	100.	88	9	0.10	30	1	0.03	36	2	0.06	22	6	0.27			
01040 COPPER, DISSOLVED	Fresh Acute	18.	7 &	5	0.71				5	3	0.60	2	2	1.00			
	Drinking Water	1300.	8	0	0.00				6	0	0.00	2	0	0.00			
01042 COPPER, TOTAL	Fresh Acute	18.	88	31	0.35	30	6	0.20	36	15	0.42	22	10	0.45			
	Drinking Water	1300.	88	0	0.00	30	0	0.00	36	0	0.00	22	0	0.00			
01049 LEAD, DISSOLVED	Fresh Acute	82.	8	3	0.38				6	2	0.33	2	1	0.50			
	Drinking Water	15.	7 &	3	0.43				5	2	0.40	2	1	0.50			
01051 LEAD, TOTAL	Fresh Acute	82.	87	5	0.06	30	0	0.00	36	2	0.06	21	3	0.14			
	Drinking Water	15.	77 &	17	0.22	30	3	0.10	27	9	0.33	20	5	0.25			
01065 NICKEL, DISSOLVED	Fresh Acute	1400.	8	1	0.13				6	1	0.17	2	0	0.00			
	Drinking Water	100.	7 &	3	0.43				5	2	0.40	2	1	0.50			
01067 NICKEL, TOTAL	Fresh Acute	1400.	87	1	0.01	30	0	0.00	36	0	0.00	21	1	0.05			
	Drinking Water	100.	87	8	0.09	30	0	0.00	36	3	0.08	21	5	0.24			
01075 SILVER, DISSOLVED	Fresh Acute	4.1	3 &	2	0.67				2	1	0.50	1	1	1.00			
	Drinking Water	100.	8	0	0.00				6	0	0.00	2	0	0.00			
01077 SILVER, TOTAL	Fresh Acute	4.1	18 &	0	0.00	8	0	0.00	6	0	0.00	4	0	0.00			
	Drinking Water	100.	85	0	0.00	28	0	0.00	36	0	0.00	21	0	0.00			
01090 ZINC, DISSOLVED	Fresh Acute	120.	8	3	0.38				6	2	0.33	2	1	0.50			
	Drinking Water	5000.	8	1	0.13				6	1	0.17	2	0	0.00			
01092 ZINC, TOTAL	Fresh Acute	120.	87	19	0.22	30	4	0.13	36	10	0.28	21	5	0.24			
	Drinking Water	5000.	87	0	0.00	30	0	0.00	36	0	0.00	21	0	0.00			
01145 SELENIUM, DISSOLVED	Fresh Acute	20.	8	1	0.13				6	0	0.00	2	1	0.50			
	Drinking Water	50.	8	1	0.13				6	0	0.00	2	1	0.50			
01147 SELENIUM, TOTAL	Fresh Acute	20.	50	1	0.02	14	0	0.00	24	1	0.04	12	0	0.00			
	Drinking Water	50.	50	0	0.00	14	0	0.00	24	0	0.00	12	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### EPA Water Quality Criteria Analysis for Station: SAMO0018

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
01220 CHROMIUM, HEXAVALENT, DISSOLVED	Fresh Acute	16.	8	3	0.38				6	2	0.33	2	1	0.50			
	Drinking Water	100.	8	2	0.25				6	2	0.33	2	0	0.00			
31503 COLIFORM, TOTAL, MEMBRANE FILTER, DELAY.	Other-Hi Lim.	1000.	117 &	106	0.91	39	36	0.92	49	45	0.92	29	25	0.86			
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	117	105	0.90	39	36	0.92	49	44	0.90	29	25	0.86			
34357 ENDOSULFAN, BETA, DISSOLVED	Fresh Acute	0.22	4	0	0.00				3	0	0.00	1	0	0.00			
34362 ENDOSULFAN, ALPHA, DISSOLVED	Fresh Acute	0.22	4	0	0.00				3	0	0.00	1	0	0.00			
39300 P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	4	0	0.00				3	0	0.00	1	0	0.00			
39310 P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	4	0	0.00				3	0	0.00	1	0	0.00			
39330 ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	4	0	0.00				3	0	0.00	1	0	0.00			
39352 CHLORDANE(TECH MIX & METABS), DISSOLVED	Fresh Acute	2.4	4	0	0.00				3	0	0.00	1	0	0.00			
	Drinking Water	2.	4	0	0.00				3	0	0.00	1	0	0.00			
39380 DIELDRLN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	4	0	0.00				3	0	0.00	1	0	0.00			
39390 ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	4	0	0.00				3	0	0.00	1	0	0.00			
	Drinking Water	2.	4	0	0.00				3	0	0.00	1	0	0.00			
39400 TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	4	0	0.00				3	0	0.00	1	0	0.00			
	Drinking Water	3.	4	0	0.00				3	0	0.00	1	0	0.00			
39410 HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	4	0	0.00				3	0	0.00	1	0	0.00			
	Drinking Water	0.4	4	0	0.00				3	0	0.00	1	0	0.00			
39420 HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	4	0	0.00				3	0	0.00	1	0	0.00			
	Drinking Water	0.2	4	0	0.00				3	0	0.00	1	0	0.00			
39782 LINDANE IN WHOLE WATER SAMPLE	Fresh Acute	2.	4	0	0.00				3	0	0.00	1	0	0.00			
	Drinking Water	0.2	4	0	0.00				3	0	0.00	1	0	0.00			
71850 NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	53	0	0.00	12	0	0.00	28	0	0.00	13	0	0.00			
71890 MERCURY, DISSOLVED	Fresh Acute	2.4	8	1	0.13				6	0	0.00	2	1	0.50			
	Drinking Water	2.	8	1	0.13				6	0	0.00	2	1	0.50			
71900 MERCURY, TOTAL	Fresh Acute	2.4	106 &	5	0.05	39	2	0.05	42	3	0.07	25	0	0.00			
	Drinking Water	2.	106 &	5	0.05	39	2	0.05	42	3	0.07	25	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### Annual Analysis for 1974 - Station SAMO0018

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300 OXYGEN, DISSOLVED MG/L	12/04/74-07/09/85	1	5.6	5.6	5.6	5.6	0.	0.	**	**	**	**
31503 COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	12/04/74-05/02/91	1	76000.	76000.	76000.	76000.	0.	0.	**	**	**	**
31503 LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	12/04/74-05/02/91	1	4.881	4.881	4.881	4.881	0.	0.	**	**	**	**
31503 GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			76000.								
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/04/74-05/02/91	1	20600.	20600.	20600.	20600.	0.	0.	**	**	**	**
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/04/74-05/02/91	1	4.314	4.314	4.314	4.314	0.	0.	**	**	**	**
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			20600.								
31673 FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	12/04/74-05/02/91	1	163000.	163000.	163000.	163000.	0.	0.	**	**	**	**
31673 LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	12/04/74-05/02/91	1	5.212	5.212	5.212	5.212	0.	0.	**	**	**	**
31673 GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			163000.								

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1977 - Station SAMO0018

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/27/77-05/02/91	2	60.	60.	60.	60.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/27/77-05/02/91	2	1078.5	1078.5	1370.	787.	169944.5	412.243	**	**	**	**
00310 BOD, 5 DAY, 20 DEG C MG/L	12/27/77-04/03/91	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00340 COD, .25N K2CR2O7 MG/L	12/27/77-03/21/84	1	31.	31.	31.	31.	0.	0.	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	12/27/77-05/02/91	2	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	12/27/77-05/02/91	2	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/27/77-05/02/91	2	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	12/27/77-05/02/91	1	195.	195.	195.	195.	0.	0.	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	12/27/77-05/02/91	1	2.034	2.034	2.034	2.034	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	12/27/77-05/02/91	1	268.	268.	268.	268.	0.	0.	**	**	**	**
00916 CALCIUM, TOTAL (MG/L AS Ca)	12/27/77-05/02/91	1	63.	63.	63.	63.	0.	0.	**	**	**	**
00927 MAGNESIUM, TOTAL (MG/L AS MG)	12/27/77-05/02/91	1	27.	27.	27.	27.	0.	0.	**	**	**	**
00929 SODIUM, TOTAL (MG/L AS NA)	12/27/77-05/02/91	1	52.	52.	52.	52.	0.	0.	**	**	**	**
00937 POTASSIUM, TOTAL MG/L AS K)	12/27/77-05/02/91	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00940 CHLORIDE,TOTAL IN WATER MG/L	12/27/77-05/02/91	1	71.	71.	71.	71.	0.	0.	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	12/27/77-05/02/91	1	121.	121.	121.	121.	0.	0.	**	**	**	**
00951 FLUORIDE, TOTAL (MG/L AS F)	12/27/77-05/02/91	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
01007 BARIUM, TOTAL (UG/L AS BA)	12/27/77-05/02/91	1	400.	400.	400.	400.	0.	0.	**	**	**	**
01027 CADMIUM, TOTAL (UG/L AS CD)	12/27/77-05/02/91	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01032 CHROMIUM, HEXAVALENT (UG/L AS CR)	12/27/77-05/02/91	1	8.	8.	8.	8.	0.	0.	**	**	**	**
01034 CHROMIUM, TOTAL (UG/L AS CR)	12/27/77-05/02/91	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01042 COPPER, TOTAL (UG/L AS CU)	12/27/77-05/02/91	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01045 IRON, TOTAL (UG/L AS FE)	12/27/77-12/05/91	1	90.	90.	90.	90.	0.	0.	**	**	**	**
01051 LEAD, TOTAL (UG/L AS PB)	12/27/77-05/02/91	1##	50.	50.	50.	50.	0.	0.	**	**	**	**
01055 MANGANESE, TOTAL (UG/L AS MN)	12/27/77-05/02/91	1##	10.	10.	10.	10.	0.	0.	**	**	**	**
01067 NICKEL, TOTAL (UG/L AS NI)	12/27/77-05/02/91	1##	15.	15.	15.	15.	0.	0.	**	**	**	**
01077 SILVER, TOTAL (UG/L AS AG)	12/27/77-05/02/91	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
01092 ZINC, TOTAL (UG/L AS ZN)	12/27/77-05/02/91	1	33.	33.	33.	33.	0.	0.	**	**	**	**
31503 COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	12/04/74-05/02/91	1	18000.	18000.	18000.	18000.	0.	0.	**	**	**	**
31503 LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	12/04/74-05/02/91	1	4.255	4.255	4.255	4.255	0.	0.	**	**	**	**
31503 GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			18000.								
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/04/74-05/02/91	1	13000.	13000.	13000.	13000.	0.	0.	**	**	**	**
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/04/74-05/02/91	1	4.114	4.114	4.114	4.114	0.	0.	**	**	**	**
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			13000.								
31673 FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	12/04/74-05/02/91	1	97000.	97000.	97000.	97000.	0.	0.	**	**	**	**
31673 LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	12/04/74-05/02/91	1	4.987	4.987	4.987	4.987	0.	0.	**	**	**	**
31673 GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			97000.								
71850 NITRATE NITROGEN,TOTAL (MG/L AS NO3)	12/27/77-12/05/90	1	9.	9.	9.	9.	0.	0.	**	**	**	**
71900 MERCURY, TOTAL (UG/L AS HG)	12/27/77-05/02/91	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1978 - Station SAMO0018

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/27/77-05/02/91	5	56.	56.2	59.	54.	3.2	1.789	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/27/77-05/02/91	9	884.	835.111	1360.	267.	185571.111	430.78	267.	443.5	1302.	1360.
00300 OXYGEN, DISSOLVED MG/L	12/04/74-07/09/85	2	7.6	7.6	10.1	5.1	12.5	3.536	**	**	**	**
00310 BOD, 5 DAY, 20 DEG C MG/L	12/27/77-04/03/91	9	7.	8.778	31.	0.	88.694	9.418	0.	1.5	11.	31.
00340 COD, .25N K2CR2O7 MG/L	12/27/77-03/21/84	9	76.	199.556	914.	17.	81704.778	285.84	17.	39.	265.	914.
00403 PH, LAB, STANDARD UNITS SU	12/27/77-05/02/91	9	7.6	7.589	8.4	6.8	0.279	0.528	6.8	7.15	8.05	8.4
00403 CONVERTED PH, LAB, STANDARD UNITS	12/27/77-05/02/91	9	7.6	7.335	8.4	6.8	0.351	0.593	6.8	7.15	8.05	8.4
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/27/77-05/02/91	9	0.025	0.046	0.158	0.004	0.003	0.051	0.004	0.009	0.075	0.158
00440 BICARBONATE ION (MG/L AS HCO3)	12/27/77-05/02/91	9	201.	222.222	399.	92.	14272.444	119.467	92.	111.5	341.5	399.
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	12/27/77-05/02/91	9	3.615	3.383	6.56	0.9	2.945	1.716	0.9	1.92	4.2	6.56
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	12/27/77-05/02/91	9	320.	306.556	538.	72.	35609.528	188.705	72.	120.	512.5	538.
00916 CALCIUM, TOTAL (MG/L AS Ca)	12/27/77-05/02/91	9	82.	69.778	118.	16.	1772.694	42.103	16.	27.5	115.5	118.
00927 MAGNESIUM, TOTAL (MG/L AS MG)	12/27/77-05/02/91	9	28.	32.211	60.1	8.	423.406	20.577	8.	12.5	53.9	60.1
00929 SODIUM, TOTAL (MG/L AS Na)	12/27/77-05/02/91	9	55.	50.222	90.3	18.	807.367	28.414	18.	23.5	78.85	90.3
00937 POTASSIUM, TOTAL MG/L AS K)	12/27/77-05/02/91	9	13.	11.533	24.	3.4	52.37	7.237	3.4	4.7	17.	24.
00940 CHLORIDE, TOTAL IN WATER MG/L	12/27/77-05/02/91	9	51.	57.778	109.	11.	1532.944	39.153	11.	23.	102.5	109.
00945 SULFATE, TOTAL (MG/L AS SO4)	12/27/77-05/02/91	9	163.	155.889	282.	44.	8874.361	94.204	44.	62.	251.5	282.
00951 FLUORIDE, TOTAL (MG/L AS F)	12/27/77-05/02/91	7	0.5	0.414	0.7	0.1	0.061	0.248	**	**	**	**
01007 BARIUM, TOTAL (UG/L AS Ba)	12/27/77-05/02/91	3##	50.	50.	50.	50.	0.	0.	**	**	**	**
01027 CADMIUM, TOTAL (UG/L AS Cd)	12/27/77-05/02/91	7##	15.	13.571	15.	10.	5.952	2.44	**	**	**	**
01032 CHROMIUM, HEXAVALENT (UG/L AS CR)	12/27/77-05/02/91	7##	2.5	19.357	75.	2.5	889.56	29.825	**	**	**	**
01034 CHROMIUM, TOTAL (UG/L AS CR)	12/27/77-05/02/91	7##	10.	58.571	170.	10.	4347.619	65.936	**	**	**	**
01042 COPPER, TOTAL (UG/L AS CU)	12/27/77-05/02/91	7	30.	72.857	180.	10.	5557.143	74.546	**	**	**	**
01045 IRON, TOTAL (UG/L AS FE)	12/27/77-12/05/91	6	605.	4941.667	20000.	180.	63679136.667	7979.921	**	**	**	**
01051 LEAD, TOTAL (UG/L AS Pb)	12/27/77-05/02/91	7##	25.	35.714	100.	25.	803.571	28.347	**	**	**	**
01055 MANGANESE, TOTAL (UG/L AS MN)	12/27/77-05/02/91	8	130.	991.25	3910.	10.	2822898.214	1680.148	**	**	**	**
01067 NICKEL, TOTAL (UG/L AS Ni)	12/27/77-05/02/91	7	30.	122.857	390.	10.	22148.81	148.825	**	**	**	**
01077 SILVER, TOTAL (UG/L AS Ag)	12/27/77-05/02/91	7##	10.	10.	10.	10.	0.	0.	**	**	**	**
01092 ZINC, TOTAL (UG/L AS Zn)	12/27/77-05/02/91	7	130.	347.857	870.	15.	139932.143	374.075	**	**	**	**
31503 COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	12/04/74-05/02/91	9	55000.	167844.444	680000.	3600.72617267777.778	269475.913	3600.	8500.	335000.	680000.	
31503 LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	12/04/74-05/02/91	9	4.74	4.638	5.833	3.556	0.648	0.805	3.556	3.889	5.312	5.833
31503 GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			43441.693								
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/04/74-05/02/91	9	9500.	12900.	45000.	440.	201492400.	14194.802	440.	1080.	18500.	45000.
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/04/74-05/02/91	9	3.978	3.751	4.653	2.643	0.505	0.711	2.643	2.998	4.266	4.653
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			5636.881								
31673 FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	12/04/74-05/02/91	8	54500.	65125.	183000.	1500.	3684625000.	60701.112	**	**	**	**
31673 LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	12/04/74-05/02/91	8	4.736	4.486	5.262	3.176	0.548	0.74	**	**	**	**
31673 GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			30599.973								
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/19/78-05/02/91	2	928.	928.	932.	924.	32.	5.657	**	**	**	**
70507 PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/10/78-05/02/91	9	0.04	0.047	0.12	0.02	0.001	0.032	0.02	0.02	0.06	0.12
71850 NITRATE NITROGEN,TOTAL (MG/L AS NO3)	12/27/77-12/05/90	9	16.	14.967	29.	4.	57.535	7.585	4.	8.5	18.6	29.
71900 MERCURY, TOTAL (UG/L AS Hg)	12/27/77-05/02/91	9##	2.5	3.833	9.	0.5	9.375	3.062	0.5	1.75	7.	9.

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### Annual Analysis for 1979 - Station SAMO0018

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/27/77-05/02/91	13	56.	56.423	66.	48.	30.744	5.545	48.8	52.	60.5	65.4
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/27/77-05/02/91	13	1180.	1047.308	1360.	347.	129793.064	360.268	379.8	809.5	1290.	1348.
00300 OXYGEN, DISSOLVED MG/L	12/04/74-07/09/85	10	8.15	7.81	9.8	5.	2.759	1.661	5.08	6.4	9.375	9.78
00310 BOD, 5 DAY, 20 DEG C MG/L	12/27/77-04/03/91	13	3.	5.308	27.	1.	48.231	6.945	1.	1.5	6.	19.8
00340 COD, .25N K2CR2O7 MG/L	12/27/77-03/21/84	12	20.5	68.167	360.	4.	10091.061	100.454	4.6	9.	95.	286.5
00403 PH, LAB, STANDARD UNITS SU	12/27/77-05/02/91	13	8.3	8.092	8.5	7.4	0.141	0.375	7.44	7.75	8.3	8.46
00403 CONVERTED PH, LAB, STANDARD UNITS	12/27/77-05/02/91	13	8.3	7.916	8.5	7.4	0.175	0.418	7.44	7.75	8.3	8.46
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/27/77-05/02/91	13	0.005	0.012	0.04	0.003	0.	0.013	0.003	0.005	0.021	0.037
00440 BICARBONATE ION (MG/L AS HCO3)	12/27/77-05/02/91	13	324.	279.846	375.	73.	11605.308	107.728	85.4	180.5	358.	371.4

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### Annual Analysis for 1979 - Station SAMO0018

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/17/79-05/02/91	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/17/79-05/02/91	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/27/77-05/02/91	11	3.52	3.502	5.77	1.4	2.129	1.459	1.436	2.3	4.74
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	12/27/77-05/02/91	13	512.	450.	611.	133.	25884.833	160.888	166.2	303.	577.
00916	CALCIUM, TOTAL (MG/L AS Ca)	12/27/77-05/02/91	13	112.	102.046	152.	32.	1537.669	39.213	40.	68.	135.5
00927	MAGNESIUM, TOTAL (MG/L AS MG)	12/27/77-05/02/91	13	57.2	47.454	68.6	13.	324.218	18.006	16.2	31.95	59.
00929	SODIUM, TOTAL (MG/L AS Na)	12/27/77-05/02/91	13	62.2	58.831	94.6	9.	788.646	28.083	12.2	37.7	82.4
00937	POTASSIUM, TOTAL MG/L AS K)	12/27/77-05/02/91	13	3.8	3.877	5.	3.2	0.332	0.576	3.2	3.45	4.
00940	CHLORIDE, TOTAL IN WATER MG/L	12/27/77-05/02/91	13	60.	63.462	112.	23.	861.769	29.356	23.	41.	88.
00945	SULFATE, TOTAL (MG/L AS SO4)	12/27/77-05/02/91	13	280.	256.692	382.	64.	10507.064	102.504	77.2	175.	323.5
00951	FLUORIDE, TOTAL (MG/L AS F)	12/27/77-05/02/91	3	0.1	0.077	0.1	0.03	0.002	0.04	**	**	**
01007	BARIUM, TOTAL (UG/L AS Ba)	12/27/77-05/02/91	2	1150.	1150.	1200.	1100.	5000.	70.711	**	**	**
01027	CADMIUM, TOTAL (UG/L AS Cd)	12/27/77-05/02/91	3 ##	15.	15.	15.	15.	0.	0.	**	**	**
01032	CHROMIUM, HEXA VALENT (UG/L AS CR)	12/27/77-05/02/91	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	12/27/77-05/02/91	3	60.	136.667	300.	50.	20033.333	141.539	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	12/27/77-05/02/91	3	80.	130.	270.	40.	15100.	122.882	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	12/27/77-12/05/91	12	475.	8920.833	33600.	50.	141741026.515	11905.504	62.	105.	20300.
01051	LEAD, TOTAL (UG/L AS Pb)	12/27/77-05/02/91	3 ##	25.	25.	25.	25.	0.	0.	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	12/27/77-05/02/91	12	115.	247.917	900.	5.	81288.447	285.111	9.5	22.5	460.
01067	NICKEL, TOTAL (UG/L AS NI)	12/27/77-05/02/91	3 ##	15.	30.	60.	15.	675.	25.981	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	12/27/77-05/02/91	3 ##	10.	10.	10.	10.	0.	0.	**	**	**
01092	ZINC, TOTAL (UG/L AS Zn)	12/27/77-05/02/91	3	480.	676.667	1150.	400.	169633.333	411.866	**	**	**
31503	COLIFORM, TOT, MEMBR FILTER, DELAYED, M-ENDO MED, 35 C	12/04/74-05/02/91	13	6000.	42900.	400000.	400.11811576666.667	108681.078	1040.	2450.	32500.	262000.
31503	LOG COLIFORM, TOT, MEMBR FILTER, DELAYED, M-ENDO MED, 3	12/04/74-05/02/91	13	3.778	3.908	5.602	2.602	0.59	0.768	2.882	3.389	4.477
31503	GM COLIFORM, TOT, MEMBR FILTER, DELAYED, M-ENDO MED, 35	GEOMETRIC MEAN =			8084.916							
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	12/04/74-05/02/91	12	800.	1626.667	8000.	80.	4940315.152	2222.682	164.	440.	2500.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	12/04/74-05/02/91	12	2.903	2.935	3.903	1.903	0.265	0.514	2.099	2.639	3.358
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			860.183							
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	12/04/74-05/02/91	13	2000.	14607.692	100000.	400.	941672435.897	30686.682	600.	1150.	5800.
31673	LOG FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	12/04/74-05/02/91	13	3.301	3.515	5.	2.602	0.485	0.696	2.743	3.057	3.754
31673	GM FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	GEOMETRIC MEAN =			3270.172							
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	10/19/78-05/02/91	10	898.	885.2	972.	740.	4423.289	66.508	750.	855.	923.
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/10/78-05/02/91	13	0.05	0.063	0.16	0.005	0.002	0.047	0.007	0.03	0.1
71850	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	12/27/77-12/05/90	10	14.7	15.3	25.5	6.	46.587	6.825	6.1	9.25	21.75
71900	MERCURY, TOTAL (UG/L AS Hg)	12/27/77-05/02/91	13 ##	0.5	0.962	2.5	0.5	0.769	0.877	0.5	0.5	1.5

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### Annual Analysis for 1980 - Station SAMO0018

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/27/77-05/02/91	16	58.5	58.125	62.	49.	11.183	3.344	52.5	56.25	60.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/27/77-05/02/91	17	1115.	955.294	1350.	244.	146034.096	382.144	288.	592.	1268.
00300	OXYGEN, DISSOLVED MG/L	12/04/74-07/09/85	10	9.25	9.13	10.2	8.	0.662	0.814	8.01	8.25	9.85
00310	BOD, 5 DAY, 20 DEG C MG/L	12/27/77-04/03/91	16	2.	3.531	11.	1.	8.849	2.975	1.	1.25	5.625
00340	COD, .25N K2CR2O7 MG/L	12/27/77-03/21/84	16	9.5	37.75	304.	2.	5417.4	73.603	3.4	4.25	42.75
00403	PH, LAB, STANDARD UNITS SU	12/27/77-05/02/91	17	8.	7.759	8.3	6.3	0.301	0.549	6.86	7.5	8.2
00403	CONVERTED PH, LAB, STANDARD UNITS	12/27/77-05/02/91	17	8.	7.295	8.3	6.3	0.53	0.728	6.86	7.5	8.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/27/77-05/02/91	17	0.01	0.051	0.501	0.005	0.014	0.119	0.005	0.006	0.032
00440	BICARBONATE ION (MG/L AS HCO3)	12/27/77-05/02/91	16	255.5	230.75	307.	120.	5139.133	71.688	121.4	143.25	298.5
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/17/79-05/02/91	14	0.1	0.414	1.8	0.006	0.362	0.601	0.008	0.05	0.685
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/17/79-05/02/91	10	0.015	0.018	0.06	0.005	0.	0.016	0.005	0.005	0.02
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/27/77-05/02/91	10	3.35	3.843	7.74	2.48	2.327	1.525	2.524	3.003	4.045
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/80-04/03/91	9	3.5	7.489	22.	1.	66.301	8.143	1.	1.7	15.9
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	12/27/77-05/02/91	16	496.	472.938	586.	265.	9045.529	95.108	320.3	396.5	549.25
00916	CALCIUM, TOTAL (MG/L AS Ca)	12/27/77-05/02/91	16	94.75	96.325	139.	35.3	933.025	30.545	40.83	78.725	122.
00927	MAGNESIUM, TOTAL (MG/L AS MG)	12/27/77-05/02/91	16	56.6	56.5	81.	32.7	169.805	13.031	38.37	46.65	64.9

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### Annual Analysis for 1980 - Station SAMO0018

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00929 SODIUM, TOTAL (MG/L AS NA)	12/27/77-05/02/91	16	51.8	48.075	77.	15.1	293.718	17.138	22.59	31.05	59.75	70.98
00937 POTASSIUM, TOTAL MG/L AS K)	12/27/77-05/02/91	16	3.15	7.925	26.6	0.6	74.697	8.643	2.	2.8	13.95	24.64
00940 CHLORIDE, TOTAL IN WATER MG/L	12/27/77-05/02/91	16	72.	71.	253.	14.	3060.	55.317	14.	28.75	82.75	134.7
00945 SULFATE, TOTAL (MG/L AS SO4)	12/27/77-05/02/91	16	256.	239.938	360.	42.	6188.996	78.67	101.5	187.	289.	332.
00951 FLUORIDE, TOTAL (MG/L AS F)	12/27/77-05/02/91	5	0.32	0.336	0.43	0.29	0.003	0.058	**	**	**	**
01007 BARIUM, TOTAL (UG/L AS BA)	12/27/77-05/02/91	1	264.	264.	264.	264.	0.	0.	**	**	**	**
01027 CADMIUM, TOTAL (UG/L AS CD)	12/27/77-05/02/91	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01032 CHROMIUM, HEXAVALENT (UG/L AS CR)	12/27/77-05/02/91	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01034 CHROMIUM, TOTAL (UG/L AS CR)	12/27/77-05/02/91	1	90.	90.	90.	90.	0.	0.	**	**	**	**
01042 COPPER, TOTAL (UG/L AS CU)	12/27/77-05/02/91	1	88.	88.	88.	88.	0.	0.	**	**	**	**
01045 IRON, TOTAL (UG/L AS FE)	12/27/77-12/05/91	13	282.	7178.308	56000.	25.	297725297.731	17254.718	33.4	102.5	1275.	46880.
01051 LEAD, TOTAL (UG/L AS PB)	12/27/77-05/02/91	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01055 MANGANESE, TOTAL (UG/L AS MN)	12/27/77-05/02/91	13	25.	342.769	3630.	5.	990942.859	995.461	5.	19.5	80.	2366.8
01067 NICKEL, TOTAL (UG/L AS NI)	12/27/77-05/02/91	1	33.	33.	33.	33.	0.	0.	**	**	**	**
01077 SILVER, TOTAL (UG/L AS AG)	12/27/77-05/02/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01092 ZINC, TOTAL (UG/L AS ZN)	12/27/77-05/02/91	1	232.	232.	232.	232.	0.	0.	**	**	**	**
31503 COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	12/04/74-05/02/91	16	10000.	62417.5	650000.	80.26145694500.		161696.303	304.	1650.	31500.	307000.
31503 LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	12/04/74-05/02/91	16	4.	3.884	5.813	1.903	1.025	1.012	2.392	3.205	4.494	5.387
31503 GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			7664.472								
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/04/74-05/02/91	16	800.	2991.25	35000.	60.	73277545.	8560.23	130.	380.	1400.	12040.
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/04/74-05/02/91	16	2.903	2.886	4.544	1.778	0.37	0.608	2.076	2.578	3.142	3.703
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			769.274								
31673 FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	12/04/74-05/02/91	15	2600.	18053.333	150000.	300.	1631255523.81	40388.804	420.	1700.	9100.	102000.
31673 LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	12/04/74-05/02/91	15	3.415	3.626	5.176	2.477	0.5	0.707	2.61	3.23	3.959	4.977
31673 GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			4228.779								
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/19/78-05/02/91	16	802.	712.688	955.	192.	63390.363	251.774	277.4	485.75	928.5	950.1
70507 PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/10/78-05/02/91	14	0.1	0.216	1.14	0.03	0.093	0.304	0.035	0.04	0.345	0.815
71850 NITRATE NITROGEN,TOTAL (MG/L AS NO3)	12/27/77-12/05/90	4	6.7	8.35	19.5	0.5	73.937	8.599	**	**	**	**
71900 MERCURY, TOTAL (UG/L AS HG)	12/27/77-05/02/91	14 ##	0.05	0.221	0.6	0.05	0.054	0.233	0.05	0.05	0.5	0.55

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### Annual Analysis for 1981 - Station SAMO0018

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/27/77-05/02/91	10	60.	61.	70.	53.	31.111	5.578	53.3	57.5	65.5	70.
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/27/77-05/02/91	10	1313.	1199.1	1390.	635.	70808.1	266.098	648.5	1130.	1337.5	1387.
00300 OXYGEN, DISSOLVED MG/L	12/04/74-07/09/85	8	10.15	10.075	11.5	8.5	1.148	1.071	**	**	**	**
00310 BOD, 5 DAY, 20 DEG C MG/L	12/27/77-04/03/91	10	4.	5.1	12.	2.	11.878	3.446	2.	2.	8.25	11.7
00340 COD, .25N K2CR2O7 MG/L	12/27/77-03/21/84	10	18.5	34.4	136.	1.	1605.6	40.07	2.1	13.5	40.5	129.3
00403 PH, LAB, STANDARD UNITS SU	12/27/77-05/02/91	10	8.2	8.1	8.5	7.5	0.111	0.333	7.51	7.9	8.4	8.49
00403 CONVERTED PH, LAB, STANDARD UNITS	12/27/77-05/02/91	10	8.2	7.971	8.5	7.5	0.129	0.36	7.51	7.9	8.4	8.49
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/27/77-05/02/91	10	0.006	0.011	0.032	0.003	0.	0.01	0.003	0.004	0.014	0.031
00440 BICARBONATE ION (MG/L AS HCO3)	12/27/77-05/02/91	9	305.	273.111	332.	116.	5593.861	74.792	116.	234.5	313.	332.
00608 NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/17/79-05/02/91	10 ##	0.005	0.022	0.09	0.005	0.001	0.03	0.005	0.005	0.038	0.087
00615 NITRITE NITROGEN, TOTAL (MG/L AS N)	12/17/79-05/02/91	10	0.02	0.021	0.06	0.005	0.	0.018	0.005	0.005	0.03	0.057
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	12/27/77-05/02/91	10	3.35	3.456	5.58	1.41	1.287	1.135	1.509	2.895	4.103	5.472
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/80-04/03/91	9	4.3	9.522	33.8	1.5	150.467	12.266	1.5	2.5	16.5	33.8
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	12/27/77-05/02/91	10	532.5	451.8	597.	37.	35478.844	188.358	58.3	301.75	587.25	596.1
00916 CALCIUM, TOTAL (MG/L AS CA)	12/27/77-05/02/91	10	142.	136.24	197.	73.6	1311.689	36.217	76.88	108.35	159.85	194.59
00927 MAGNESIUM, TOTAL (MG/L AS MG)	12/27/77-05/02/91	10	41.9	36.97	62.5	2.	439.473	20.964	2.93	14.825	53.725	62.08
00929 SODIUM, TOTAL (MG/L AS NA)	12/27/77-05/02/91	9	75.	84.222	200.	41.	2332.257	48.293	41.	51.25	97.	200.
00937 POTASSIUM, TOTAL MG/L AS K)	12/27/77-05/02/91	9	4.8	4.909	6.8	2.9	2.292	1.514	2.9	3.25	6.34	6.8
00940 CHLORIDE, TOTAL IN WATER MG/L	12/27/77-05/02/91	9	88.	79.222	117.	35.	602.694	24.55	35.	59.5	90.	117.
00945 SULFATE, TOTAL (MG/L AS SO4)	12/27/77-05/02/91	9	315.	299.444	370.	179.	4206.778	64.86	179.	252.5	345.5	370.
00951 FLUORIDE, TOTAL (MG/L AS F)	12/27/77-05/02/91	2	0.28	0.28	0.3	0.26	0.001	0.028	**	**	**	**
01007 BARIUM, TOTAL (UG/L AS BA)	12/27/77-05/02/91	8	63.5	277.125	1700.	39.	332457.839	576.592	**	**	**	**

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### Annual Analysis for 1981 - Station SAMO0018

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01027	CADMIUM, TOTAL (UG/L AS CD)	12/27/77-05/02/91	8	1.5	2.75	10.	0.5	10.714	3.273	**	**	**
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	12/27/77-05/02/91	8 ##	25.	31.75	119.	5.	1324.5	36.394	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	12/27/77-05/02/91	8 ##	5.	40.625	170.	3.	3832.839	61.91	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	12/27/77-05/02/91	8 ##	19.	34.5	105.	5.	1482.286	38.5	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	12/27/77-12/05/91	10	725.	1518.3	7400.	50.	4775124.011	2185.206	55.6	206.5	1912.5
01051	LEAD, TOTAL (UG/L AS PB)	12/27/77-05/02/91	8	15.	16.75	48.	5.	206.5	14.37	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	12/27/77-05/02/91	10	45.	54.27	200.	11.	3048.84	55.216	11.9	20.	57.5
01067	NICKEL, TOTAL (UG/L AS NI)	12/27/77-05/02/91	8 ##	5.	25.5	125.	5.	1715.143	41.414	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	12/27/77-05/02/91	8 ##	5.	4.463	5.	2.	1.197	1.094	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	12/27/77-05/02/91	8	97.	232.625	1350.	10.	206849.982	454.808	**	**	**
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	12/04/74-05/02/91	10	80000.	89400.	200000.	8000.	385515555.556	62089.899	9200.	42500.	127500.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	12/04/74-05/02/91	10	4.903	4.813	5.301	3.903	0.182	0.427	3.943	4.599	5.095
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			64960.732							
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/04/74-05/02/91	10	2500.	3660.	10000.	600.	9840444.444	3136.948	640.	1150.	5600.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/04/74-05/02/91	10	3.395	3.413	4.	2.778	0.155	0.394	2.8	3.059	3.737
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2590.797							
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	12/04/74-05/02/91	10	5700.	12270.	53000.	2200.	255646777.778	15988.958	2230.	2575.	16000.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	12/04/74-05/02/91	10	3.713	3.83	4.724	3.342	0.228	0.478	3.348	3.411	4.185
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			6754.008							
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/19/78-05/02/91	10	906.	828.	960.	425.	35414.444	188.187	435.3	789.	930.
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/10/78-05/02/91	10	0.085	0.141	0.56	0.03	0.027	0.164	0.031	0.048	0.148
71900	MERCURY, TOTAL (UG/L AS HG)	12/27/77-05/02/91	10 ##	0.075	0.475	3.	0.05	0.825	0.908	0.05	0.05	0.5

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### Annual Analysis for 1982 - Station SAMO0018

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/27/77-05/02/91	12	60.	60.833	79.	51.	57.242	7.566	51.6	54.25	65.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/27/77-05/02/91	13	1226.	1046.077	1381.	372.	146759.744	383.092	372.	721.	1330.
00300	OXYGEN, DISSOLVED MG/L	12/04/74-07/09/85	9	10.8	10.722	13.1	7.4	3.232	1.798	7.4	9.6	12.4
00310	BOD, 5 DAY, 20 DEG C MG/L	12/27/77-04/03/91	13	5.	7.	23.	1.	44.5	6.671	1.4	2.	11.5
00340	COD, .25N K2CR2O7 MG/L	12/27/77-03/21/84	13	29.	37.	171.	4.	1802.167	42.452	6.	12.5	41.
00403	PH, LAB, STANDARD UNITS SU	12/27/77-05/02/91	13	8.2	8.238	8.9	7.7	0.123	0.35	7.78	7.95	8.55
00403	CONVERTED PH, LAB, STANDARD UNITS	12/27/77-05/02/91	13	8.2	8.125	8.9	7.7	0.137	0.37	7.78	7.95	8.55
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/27/77-05/02/91	13	0.006	0.008	0.02	0.001	0.	0.005	0.002	0.003	0.011
00440	BICARBONATE ION (MG/L AS HCO3)	12/27/77-05/02/91	13	231.	217.615	312.	74.	7221.256	84.978	75.2	147.5	288.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/17/79-05/02/91	13	0.06	0.102	0.23	0.005	0.007	0.086	0.005	0.022	0.18
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/17/79-05/02/91	13	0.02	0.034	0.1	0.005	0.001	0.031	0.005	0.008	0.055
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/27/77-05/02/91	13	2.38	2.619	4.58	0.94	0.992	0.996	1.084	1.975	3.185
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/80-04/03/91	12	5.7	9.308	35.	1.5	84.057	9.168	1.95	3.5	12.8
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	12/27/77-05/02/91	13	480.	413.231	602.	134.	26619.026	163.153	140.8	270.5	529.5
00916	CALCIUM, TOTAL (MG/L AS Ca)	12/27/77-05/02/91	13	95.1	95.823	140.	43.1	1129.495	33.608	45.06	63.6	126.4
00927	MAGNESIUM, TOTAL (MG/L AS MG)	12/27/77-05/02/91	13	44.7	42.169	69.1	6.3	464.236	21.546	6.82	24.45	61.9
00929	SODIUM, TOTAL (MG/L AS Na)	12/27/77-05/02/91	13	70.	65.462	103.	17.	800.811	28.299	18.6	42.5	88.75
00937	POTASSIUM, TOTAL MG/L AS K)	12/27/77-05/02/91	13	4.	4.212	8.	1.6	2.604	1.614	2.16	3.05	5.225
00940	CHLORIDE,TOTAL IN WATER MG/L	12/27/77-05/02/91	12	127.5	109.25	215.	20.	4036.386	63.533	20.6	42.	158.5
00945	SULFATE, TOTAL (MG/L AS SO4)	12/27/77-05/02/91	13	262.	226.077	352.	56.	13844.41	117.662	56.	73.	330.
00951	FLUORIDE, TOTAL (MG/L AS F)	12/27/77-05/02/91	5	0.25	0.272	0.35	0.18	0.005	0.072	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	12/27/77-05/02/91	12	33.	192.75	1900.	12.	289588.75	538.135	13.2	26.	64.5
01027	CADMIUM, TOTAL (UG/L AS CD)	12/27/77-05/02/91	13 ##	0.5	0.615	2.	0.5	0.173	0.416	0.5	0.5	1.4
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	12/27/77-05/02/91	13 ##	5.	4.616	5.	0.005	1.919	1.385	2.003	5.	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	12/27/77-05/02/91	13 ##	5.	60.846	675.	5.	34185.474	184.893	5.	5.	12.
01042	COPPER, TOTAL (UG/L AS CU)	12/27/77-05/02/91	13 ##	5.	18.923	134.	5.	1257.577	35.462	5.	5.	19.
01045	IRON, TOTAL (UG/L AS FE)	12/27/77-12/05/91	13	250.	14601.385	167000.	5.	2116176666.256	46001.92	5.	45.	2499.5
01051	LEAD, TOTAL (UG/L AS PB)	12/27/77-05/02/91	13 ##	5.	9.769	67.	5.	295.692	17.196	5.	5.	5.
01055	MANGANESE, TOTAL (UG/L AS MN)	12/27/77-05/02/91	14	25.	204.786	2090.	11.	301086.181	548.713	11.	19.5	89.

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### Annual Analysis for 1982 - Station SAMO0018

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01067 NICKEL, TOTAL (UG/L AS NI)	12/27/77-05/02/91	13 ##	5.	44.615	453.	5.	15129.756	123.003	5.	5.	19.5	284.2
01077 SILVER, TOTAL (UG/L AS AG)	12/27/77-05/02/91	13 ##	5.	4.692	5.	1.	1.231	1.109	2.6	5.	5.	5.
01092 ZINC, TOTAL (UG/L AS ZN)	12/27/77-05/02/91	13 ##	50.	81.308	513.	5.	17464.564	132.154	5.	29.5	63.5	347.
31503 COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	12/04/74-05/02/91	13	10000.	70430.769	420000.	800.14873772307.692	121958.076	2080.	5400.	100000.	336000.	
31503 LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	12/04/74-05/02/91	13	4.	4.241	5.623	2.903	0.624	0.79	3.183	3.73	4.991	5.503
31503 GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			17408.279								
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/04/74-05/02/91	13	1200.	30463.077	152000.	240. 2607606523.077	51064.729	272.	780.	52000.	139200.	
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/04/74-05/02/91	13	3.079	3.614	5.182	2.38	1.	1.	2.43	2.885	4.704	5.141
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4112.766								
31673 FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	12/04/74-05/02/91	13	6200.	112826.923	827000.	50.58257950256.41	241366.838	310.	2750.	106400.	649000.	
31673 LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	12/04/74-05/02/91	13	3.792	3.998	5.918	1.699	1.29	1.136	2.157	3.43	4.868	5.783
31673 GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			9943.148								
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/19/78-05/02/91	13	864.	765.692	1088.	328.	66949.231	258.745	352.	500.	952.	1078.4
70507 PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/10/78-05/02/91	13	0.11	0.21	0.82	0.005	0.051	0.019	0.065	0.345	0.648	
71900 MERCURY, TOTAL (UG/L AS HG)	12/27/77-05/02/91	13 ##	0.5	0.292	0.5	0.05	0.055	0.233	0.05	0.05	0.5	0.5

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### Annual Analysis for 1983 - Station SAMO0018

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/27/77-05/02/91	12	62.5	63.333	73.	56.	35.697	5.975	56.3	58.	68.5	72.7
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/27/77-05/02/91	12	1123.5	1074.667	1700.	360.	145500.788	381.446	447.	747.5	1307.5	1640.
00300 OXYGEN, DISSOLVED MG/L	12/04/74-07/09/85	10	11.	11.	14.	10.	1.333	1.155	10.	10.	11.	13.7
00310 BOD, 5 DAY, 20 DEG C MG/L	12/27/77-04/03/91	12	3.	3.292	14.	0.5	12.475	3.532	0.65	1.25	3.	11.
00340 COD, .25N K2CR2O7 MG/L	12/27/77-03/21/84	12	9.	40.708	318.	0.5	7990.203	89.388	1.55	4.	41.5	240.3
00403 PH, LAB, STANDARD UNITS SU	12/27/77-05/02/91	12	8.4	8.192	8.5	7.4	0.146	0.382	7.43	7.975	8.4	8.5
00403 CONVERTED PH, LAB, STANDARD UNITS	12/27/77-05/02/91	12	8.4	7.994	8.5	7.4	0.189	0.434	7.43	7.975	8.4	8.5
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/27/77-05/02/91	12	0.004	0.01	0.04	0.003	0.	0.012	0.003	0.004	0.011	0.037
00440 BICARBONATE ION (MG/L AS HCO3)	12/27/77-05/02/91	12	259.	227.25	296.	80.	4483.477	66.959	101.6	170.	281.25	293.
00608 NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/17/79-05/02/91	12	0.15	0.402	1.54	0.005	0.248	0.498	0.005	0.01	0.74	1.375
00615 NITRITE NITROGEN, TOTAL (MG/L AS N)	12/17/79-05/02/91	10	0.02	0.025	0.06	0.005	0.	0.021	0.005	0.005	0.05	0.059
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	12/27/77-05/02/91	12	2.585	2.703	4.4	1.22	0.942	0.97	1.394	2.005	3.51	4.34
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/80-04/03/91	12	3.65	15.417	118.	1.5	1091.636	33.04	1.5	2.15	15.85	89.05
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	12/27/77-05/02/91	12	388.	408.833	633.	140.	22472.697	149.909	179.6	304.75	566.25	623.4
00916 CALCIUM, TOTAL (MG/L AS Ca)	12/27/77-05/02/91	12	76.	83.708	140.	30.	1147.566	33.876	34.95	62.	115.25	137.6
00927 MAGNESIUM, TOTAL (MG/L AS MG)	12/27/77-05/02/91	12	51.35	48.308	69.	16.	328.704	18.13	18.4	35.	64.25	68.7
00929 SODIUM, TOTAL (MG/L AS Na)	12/27/77-05/02/91	12	57.5	51.642	92.7	15.	584.541	24.177	16.5	26.	67.75	87.39
00937 POTASSIUM, TOTAL MG/L AS K)	12/27/77-05/02/91	12	3.65	4.042	7.	0.5	3.741	1.934	1.04	3.	5.8	7.
00940 CHLORIDE,TOTAL IN WATER MG/L	12/27/77-05/02/91	12	60.5	58.917	90.	25.	439.72	20.969	25.9	41.75	73.75	89.1
00945 SULFATE, TOTAL (MG/L AS SO4)	12/27/77-05/02/91	12	183.	195.75	425.	53.	14588.023	120.781	56.6	72.75	302.	394.4
00951 FLUORIDE, TOTAL (MG/L AS F)	12/27/77-05/02/91	11	0.68	0.662	1.2	0.2	0.133	0.365	0.216	0.3	1.	1.18
01007 BARIUM, TOTAL (UG/L AS Ba)	12/27/77-05/02/91	12	57.	618.583	3300.	31.	1197686.447	1094.389	31.9	34.25	1252.	2922.
01027 CADMIUM, TOTAL (UG/L AS Cd)	12/27/77-05/02/91	12 ##	0.5	0.625	1.	0.5	0.051	0.226	0.5	0.5	0.875	1.
01032 CHROMIUM, HEXAVALENT (UG/L AS CR)	12/27/77-05/02/91	12 ##	25.	25.	25.	25.	0.	0.	25.	25.	25.	25.
01034 CHROMIUM, TOTAL (UG/L AS CR)	12/27/77-05/02/91	12 ##	5.	77.083	360.	5.	17683.902	132.981	5.	5.	181.25	336.
01042 COPPER, TOTAL (UG/L AS CU)	12/27/77-05/02/91	12 ##	5.	47.083	311.	5.	7943.174	89.124	5.	5.	72.75	245.3
01045 IRON, TOTAL (UG/L AS FE)	12/27/77-12/05/91	12	80.	2524.167	21100.	15.	39655926.515	6297.295	15.	20.	345.	17230.
01051 LEAD, TOTAL (UG/L AS Pb)	12/27/77-05/02/91	11 ##	5.	8.273	41.	5.	117.818	10.854	5.	5.	5.	33.8
01055 MANGANESE, TOTAL (UG/L AS MN)	12/27/77-05/02/91	11	40.	314.545	2340.	5.	512437.273	715.847	5.	5.	90.	2042.
01067 NICKEL, TOTAL (UG/L AS NI)	12/27/77-05/02/91	11 ##	5.	212.545	1480.	5.	203289.073	450.876	5.	5.	280.	1286.
01077 SILVER, TOTAL (UG/L AS AG)	12/27/77-05/02/91	11	1.	1.545	5.	0.5	1.623	1.274	0.5	1.	2.	4.4
01092 ZINC, TOTAL (UG/L AS ZN)	12/27/77-05/02/91	11 ##	50.	58.773	186.	3.5	3413.618	58.426	3.5	3.5	50.	178.8
31503 COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	12/04/74-05/02/91	11	5600.	5745.455	12000.	800.	13864727.273	3723.537	1040.	2400.	9600.	11600.
31503 LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	12/04/74-05/02/91	11	3.748	3.648	4.079	2.903	0.13	0.361	2.983	3.38	3.982	4.063
31503 GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			4442.992								
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/04/74-05/02/91	11	800.	666.364	1600.	50.	246525.455	496.513	56.	160.	1000.	1480.

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### Annual Analysis for 1983 - Station SAMO0018

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616 LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	12/04/74-05/02/91	11	2.903	2.623	3.204	1.699	0.269	0.518	1.74	2.204	3.	3.163
31616 GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			420.073								
31673 FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	12/04/74-05/02/91	11	6600.	11781.818	63000.	1700.	312605636.364	17680.657	1840.	2900.	8600.	54340.
31673 LOG FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	12/04/74-05/02/91	11	3.82	3.821	4.799	3.23	0.192	0.439	3.26	3.462	3.934	4.698
31673 GM FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	GEOMETRIC MEAN =			6618.533								
70300 RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	10/19/78-05/02/91	12	773.5	730.417	1100.	275.	51864.629	227.738	338.6	546.75	877.5	1048.1
70507 PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/10/78-05/02/91	12	0.365	0.736	1.93	0.01	0.566	0.752	0.031	0.11	1.545	1.891
71900 MERCURY, TOTAL (UG/L AS HG)	12/27/77-05/02/91	11 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5

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### Annual Analysis for 1984 - Station SAMO0018

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/27/77-05/02/91	3	59.	58.333	60.	56.	4.333	2.082	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/27/77-05/02/91	3	1310.	1286.667	1320.	1230.	2433.333	49.329	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	12/04/74-07/09/85	3	12.	12.333	13.	12.	0.333	0.577	**	**	**	**
00310 BOD, 5 DAY, 20 DEG C MG/L	12/27/77-04/03/91	3	2.	2.667	4.	2.	1.333	1.155	**	**	**	**
00340 COD, .25N K2CR2O7 MG/L	12/27/77-03/21/84	3	13.	13.667	19.	9.	25.333	5.033	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	12/27/77-05/02/91	3	8.5	8.533	8.6	8.5	0.003	0.058	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	12/27/77-05/02/91	3	8.5	8.531	8.6	8.5	0.003	0.058	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/27/77-05/02/91	3	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	12/27/77-05/02/91	3	242.	244.	255.	235.	103.	10.149	**	**	**	**
00608 NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/17/79-05/02/91	3	0.1	20.062	60.08	0.005	1201.103	34.657	**	**	**	**
00615 NITRITE NITROGEN, TOTAL (MG/L AS N)	12/17/79-05/02/91	2 ##	0.015	0.015	0.02	0.01	0.	0.007	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	12/27/77-05/02/91	3	3.6	3.8	4.3	3.5	0.19	0.436	**	**	**	**
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/80-04/03/91	3	2.3	2.1	2.5	1.5	0.28	0.529	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	12/27/77-05/02/91	3	633.	605.333	685.	498.	9316.333	96.521	**	**	**	**
00916 CALCIUM, TOTAL (MG/L AS Ca)	12/27/77-05/02/91	3	133.	124.333	156.	84.	1352.333	36.774	**	**	**	**
00927 MAGNESIUM, TOTAL (MG/L AS MG)	12/27/77-05/02/91	3	70.9	70.7	72.	69.2	1.99	1.411	**	**	**	**
00929 SODIUM, TOTAL (MG/L AS Na)	12/27/77-05/02/91	3	69.	68.267	69.2	66.6	2.093	1.447	**	**	**	**
00937 POTASSIUM, TOTAL MG/L AS K)	12/27/77-05/02/91	3	3.7	3.7	3.7	3.7	0.	0.	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	12/27/77-05/02/91	3	68.	67.333	70.	64.	9.333	3.055	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	12/27/77-05/02/91	3	369.	370.	404.	337.	1123.	33.511	**	**	**	**
00951 FLUORIDE, TOTAL (MG/L AS F)	12/27/77-05/02/91	3	0.5	0.633	1.	0.4	0.103	0.321	**	**	**	**
01007 BARIUM, TOTAL (UG/L AS Ba)	12/27/77-05/02/91	3	38.	141.667	350.	37.	32552.333	180.423	**	**	**	**
01027 CADMIUM, TOTAL (UG/L AS Cd)	12/27/77-05/02/91	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01032 CHROMIUM, HEXAVALENT (UG/L AS CR)	12/27/77-05/02/91	3 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01034 CHROMIUM, TOTAL (UG/L AS CR)	12/27/77-05/02/91	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01042 COPPER, TOTAL (UG/L AS CU)	12/27/77-05/02/91	3 ##	5.	6.667	10.	5.	8.333	2.887	**	**	**	**
01045 IRON, TOTAL (UG/L AS FE)	12/27/77-12/05/91	3 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01051 LEAD, TOTAL (UG/L AS PB)	12/27/77-05/02/91	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01055 MANGANESE, TOTAL (UG/L AS MN)	12/27/77-05/02/91	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01067 NICKEL, TOTAL (UG/L AS NI)	12/27/77-05/02/91	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01077 SILVER, TOTAL (UG/L AS AG)	12/27/77-05/02/91	3 ##	0.5	0.667	1.	0.5	0.083	0.289	**	**	**	**
01092 ZINC, TOTAL (UG/L AS ZN)	12/27/77-05/02/91	3 ##	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
31503 COLIFORM, TOT, MEMBR FILTER, DELAYED, M-ENDO MED, 35 C	12/04/74-05/02/91	3	3600.	3733.333	4000.	3600.	53333.333	230.94	**	**	**	**
31503 LOG COLIFORM, TOT, MEMBR FILTER, DELAYED, M-ENDO MED, 3	12/04/74-05/02/91	3	3.556	3.572	3.602	3.556	0.001	0.026	**	**	**	**
31503 GM COLIFORM, TOT, MEMBR FILTER, DELAYED, M-ENDO MED, 35	GEOMETRIC MEAN =			3728.679								
31616 FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	12/04/74-05/02/91	3	520.	480.	720.	200.	68800.	262.298	**	**	**	**
31616 LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	12/04/74-05/02/91	3	2.716	2.625	2.857	2.301	0.084	0.289	**	**	**	**
31616 GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			421.491								
31673 FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	12/04/74-05/02/91	3	12000.	22600.	50800.	5000.	608680000.	24671.441	**	**	**	**
31673 LOG FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	12/04/74-05/02/91	3	4.079	4.161	4.706	3.699	0.259	0.508	**	**	**	**
31673 GM FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	GEOMETRIC MEAN =			14499.009								
70300 RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	10/19/78-05/02/91	3	900.	900.	910.	890.	100.	10.	**	**	**	**
70507 PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/10/78-05/02/91	3	0.12	0.12	0.2	0.04	0.006	0.08	**	**	**	**

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### Annual Analysis for 1984 - Station SAMO0018

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71900 MERCURY, TOTAL (UG/L AS HG)	12/27/77-05/02/91	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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### Annual Analysis for 1985 - Station SAMO0018

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/27/77-05/02/91	1	68.	68.	68.	68.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/27/77-05/02/91	1	1060.	1060.	1060.	1060.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	12/04/74-07/09/85	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00310 BOD, 5 DAY, 20 DEG C MG/L	12/27/77-04/03/91	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	12/27/77-05/02/91	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	12/27/77-05/02/91	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/27/77-05/02/91	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	12/27/77-05/02/91	1	220.	220.	220.	220.	0.	0.	**	**	**	**
00608 NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/17/79-05/02/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00615 NITRITE NITROGEN, TOTAL (MG/L AS N)	12/17/79-05/02/91	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	12/27/77-05/02/91	1	2.9	2.9	2.9	2.9	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	12/27/77-05/02/91	1	436.	436.	436.	436.	0.	0.	**	**	**	**
00916 CALCIUM, TOTAL (MG/L AS Ca)	12/27/77-05/02/91	1	94.1	94.1	94.1	94.1	0.	0.	**	**	**	**
00927 MAGNESIUM, TOTAL (MG/L AS MG)	12/27/77-05/02/91	1	48.	48.	48.	48.	0.	0.	**	**	**	**
00929 SODIUM, TOTAL (MG/L AS Na)	12/27/77-05/02/91	1	57.5	57.5	57.5	57.5	0.	0.	**	**	**	**
00937 POTASSIUM, TOTAL MG/L AS K)	12/27/77-05/02/91	1	4.9	4.9	4.9	4.9	0.	0.	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	12/27/77-05/02/91	1	57.	57.	57.	57.	0.	0.	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	12/27/77-05/02/91	1	239.	239.	239.	239.	0.	0.	**	**	**	**
00951 FLUORIDE, TOTAL (MG/L AS F)	12/27/77-05/02/91	1	0.72	0.72	0.72	0.72	0.	0.	**	**	**	**
01027 CADMIUM, TOTAL (UG/L AS CD)	12/27/77-05/02/91	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01034 CHROMIUM, TOTAL (UG/L AS CR)	12/27/77-05/02/91	1 ##	14.5	14.5	14.5	14.5	0.	0.	**	**	**	**
01042 COPPER, TOTAL (UG/L AS CU)	12/27/77-05/02/91	1	14.	14.	14.	14.	0.	0.	**	**	**	**
01045 IRON, TOTAL (UG/L AS FE)	12/27/77-12/05/91	1	320.	320.	320.	320.	0.	0.	**	**	**	**
01051 LEAD, TOTAL (UG/L AS PB)	12/27/77-05/02/91	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01055 MANGANESE, TOTAL (UG/L AS MN)	12/27/77-05/02/91	1 ##	6.	6.	6.	6.	0.	0.	**	**	**	**
01067 NICKEL, TOTAL (UG/L AS NI)	12/27/77-05/02/91	1 ##	4.	4.	4.	4.	0.	0.	**	**	**	**
01092 ZINC, TOTAL (UG/L AS ZN)	12/27/77-05/02/91	1	14.	14.	14.	14.	0.	0.	**	**	**	**
31503 COLIFORM,TOT, MEMBR FILTER, DELAYED, M-ENDO MED, 35 C	12/04/74-05/02/91	1	2400.	2400.	2400.	2400.	0.	0.	**	**	**	**
31503 LOG COLIFORM, TOT, MEMBR FILTER, DELAYED, M-ENDO MED, 3	12/04/74-05/02/91	1	3.38	3.38	3.38	3.38	0.	0.	**	**	**	**
31503 GM COLIFORM, TOT, MEMBR FILTER, DELAYED, M-ENDO MED, 35	GEOMETRIC MEAN =			2400.								
31616 FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	12/04/74-05/02/91	1	920.	920.	920.	920.	0.	0.	**	**	**	**
31616 LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	12/04/74-05/02/91	1	2.964	2.964	2.964	2.964	0.	0.	**	**	**	**
31616 GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			920.								
70300 RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	10/19/78-05/02/91	1	760.	760.	760.	760.	0.	0.	**	**	**	**
70507 PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/10/78-05/02/91	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
71900 MERCURY, TOTAL (UG/L AS HG)	12/27/77-05/02/91	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1986 - Station SAMO0018

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/27/77-05/02/91	1	62.	62.	62.	62.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/27/77-05/02/91	1	1360.	1360.	1360.	1360.	0.	0.	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	12/27/77-05/02/91	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	12/27/77-05/02/91	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/27/77-05/02/91	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	12/27/77-05/02/91	1	195.	195.	195.	195.	0.	0.	**	**	**	**

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### Annual Analysis for 1986 - Station SAMO0018

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/17/79-05/02/91	1	0.19	0.19	0.19	0.19	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/17/79-05/02/91	1##	0.075	0.075	0.075	0.075	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/27/77-05/02/91	1##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	12/27/77-05/02/91	1	579.	579.	579.	579.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS Ca)	12/27/77-05/02/91	1	125.	125.	125.	125.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS Mg)	12/27/77-05/02/91	1	63.9	63.9	63.9	63.9	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS Na)	12/27/77-05/02/91	1	69.	69.	69.	69.	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	12/27/77-05/02/91	1	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	12/27/77-05/02/91	1	90.	90.	90.	90.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	12/27/77-05/02/91	1	370.	370.	370.	370.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	12/27/77-05/02/91	1	0.84	0.84	0.84	0.84	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS Cd)	12/27/77-05/02/91	1##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS Cr)	12/27/77-05/02/91	1##	14.5	14.5	14.5	14.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS Cu)	12/27/77-05/02/91	1	24.	24.	24.	24.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS Fe)	12/27/77-12/05/91	1	950.	950.	950.	950.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS Pb)	12/27/77-05/02/91	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS Mn)	12/27/77-05/02/91	1	100.	100.	100.	100.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS Ni)	12/27/77-05/02/91	1	13.	13.	13.	13.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS Ag)	12/27/77-05/02/91	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS Zn)	12/27/77-05/02/91	1	77.	77.	77.	77.	0.	0.	**	**	**	**
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	12/04/74-05/02/91	1	23000.	23000.	23000.	23000.	0.	0.	**	**	**	**
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	12/04/74-05/02/91	1	4.362	4.362	4.362	4.362	0.	0.	**	**	**	**
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			23000.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/04/74-05/02/91	1	13000.	13000.	13000.	13000.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/04/74-05/02/91	1	4.114	4.114	4.114	4.114	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			13000.								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/19/78-05/02/91	1	930.	930.	930.	930.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS Hg)	12/27/77-05/02/91	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**

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### Annual Analysis for 1987 - Station SAMO0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/27/77-05/02/91	1	68.	68.	68.	68.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/27/77-05/02/91	1	1300.	1300.	1300.	1300.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	12/27/77-05/02/91	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	12/27/77-05/02/91	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/27/77-05/02/91	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	12/27/77-05/02/91	1	265.	265.	265.	265.	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/17/79-05/02/91	1##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/17/79-05/02/91	1	0.011	0.011	0.011	0.011	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/27/77-05/02/91	1	4.4	4.4	4.4	4.4	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	12/27/77-05/02/91	1	514.	514.	514.	514.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS Ca)	12/27/77-05/02/91	1	106.	106.	106.	106.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	12/27/77-05/02/91	1	59.6	59.6	59.6	59.6	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS Na)	12/27/77-05/02/91	1	92.2	92.2	92.2	92.2	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	12/27/77-05/02/91	1	3.8	3.8	3.8	3.8	0.	0.	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	12/27/77-05/02/91	1	122.	122.	122.	122.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	12/27/77-05/02/91	1	232.	232.	232.	232.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	12/27/77-05/02/91	1	0.42	0.42	0.42	0.42	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS Cd)	12/27/77-05/02/91	1##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	12/27/77-05/02/91	1##	14.5	14.5	14.5	14.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	12/27/77-05/02/91	1##	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	12/27/77-12/05/91	1##	15.	15.	15.	15.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	12/27/77-05/02/91	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	12/27/77-05/02/91	1	512.	512.	512.	512.	0.	0.	**	**	**	**

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### Annual Analysis for 1987 - Station SAMO0018

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01067 NICKEL, TOTAL (UG/L AS NI)	12/27/77-05/02/91	1	51.	51.	51.	51.	0.	0.	**	**	**	**
01092 ZINC, TOTAL (UG/L AS ZN)	12/27/77-05/02/91	1	17.	17.	17.	17.	0.	0.	**	**	**	**
31503 COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	12/04/74-05/02/91	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
31503 LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	12/04/74-05/02/91	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
31503 GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	12/04/74-05/02/91	1 ##	0.	1.	1.	1.	0.	0.	**	**	**	**
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/04/74-05/02/91	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/04/74-05/02/91	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/04/74-05/02/91	1 ##	0.	1.	1.	1.	0.	0.	**	**	**	**
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/19/78-05/02/91	1	779.	779.	779.	779.	0.	0.	**	**	**	**
71900 MERCURY, TOTAL (UG/L AS HG)	12/27/77-05/02/91	1	50.2	50.2	50.2	50.2	0.	0.	**	**	**	**

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### Annual Analysis for 1988 - Station SAMO0018

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/27/77-05/02/91	9	53.	52.556	58.	45.	14.778	3.844	45.	50.5	55.5	58.
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/27/77-05/02/91	9	1335.	1185.333	1423.	287.	128219.5	358.078	287.	1109.	1370.5	1423.
00310 BOD, 5 DAY, 20 DEG C MG/L	12/27/77-04/03/91	2 ##	1.75	1.75	3.	0.5	3.125	1.768	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	12/27/77-05/02/91	9	8.	7.867	8.2	6.6	0.238	0.487	6.6	7.9	8.1	8.2
00403 CONVERTED PH, LAB, STANDARD UNITS	12/27/77-05/02/91	9	8.	7.437	8.2	6.6	0.445	0.667	6.6	7.9	8.1	8.2
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/27/77-05/02/91	9	0.01	0.037	0.251	0.006	0.006	0.081	0.006	0.008	0.013	0.251
00440 BICARBONATE ION (MG/L AS HCO3)	12/27/77-05/02/91	9	296.	280.333	349.	105.	5103.	71.435	105.	270.	317.5	349.
00608 NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/17/79-05/02/91	8	0.056	0.1	0.255	0.005	0.008	0.092	**	**	**	**
00615 NITRITE NITROGEN, TOTAL (MG/L AS N)	12/17/79-05/02/91	8 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	12/27/77-05/02/91	8	3.05	2.876	4.54	1.06	1.586	1.259	**	**	**	**
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/80-04/03/91	3 ##	0.5	5.033	14.1	0.5	61.653	7.852	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	12/27/77-05/02/91	9	536.	476.222	566.	117.	20818.944	144.288	117.	456.	544.	566.
00916 CALCIUM, TOTAL (MG/L AS Ca)	12/27/77-05/02/91	9	115.	102.822	122.	34.4	762.334	27.61	34.4	97.5	116.	122.
00927 MAGNESIUM, TOTAL (MG/L AS MG)	12/27/77-05/02/91	9	60.5	53.267	64.	7.5	341.715	18.486	7.5	49.7	63.75	64.
00929 SODIUM, TOTAL (MG/L AS NA)	12/27/77-05/02/91	9	83.6	78.678	96.	14.5	621.627	24.932	14.5	79.55	93.2	96.
00937 POTASSIUM, TOTAL MG/L AS K)	12/27/77-05/02/91	9	5.89	6.499	11.1	4.1	5.889	2.427	4.1	4.8	8.2	11.1
00940 CHLORIDE, TOTAL IN WATER MG/L	12/27/77-05/02/91	9	95.	87.778	107.	14.	827.194	28.761	14.	86.	104.5	107.
00945 SULFATE, TOTAL (MG/L AS SO4)	12/27/77-05/02/91	9	258.	243.333	344.	33.	7864.75	88.683	33.	219.5	290.	344.
00951 FLUORIDE, TOTAL (MG/L AS F)	12/27/77-05/02/91	9	0.36	0.373	0.63	0.1	0.029	0.171	0.1	0.25	0.515	0.63
01007 BARIUM, TOTAL (UG/L AS BA)	12/27/77-05/02/91	8	45.	41.25	50.	30.	98.214	9.91	**	**	**	**
01027 CADMIUM, TOTAL (UG/L AS CD)	12/27/77-05/02/91	8 ##	5.	5.75	10.	5.	3.071	1.753	**	**	**	**
01032 CHROMIUM, HEXAVALENT (UG/L AS CR)	12/27/77-05/02/91	8 ##	5.	6.25	10.	5.	5.357	2.315	**	**	**	**
01034 CHROMIUM, TOTAL (UG/L AS CR)	12/27/77-05/02/91	8 ##	5.5	8.25	15.	5.	20.214	4.496	**	**	**	**
01042 COPPER, TOTAL (UG/L AS CU)	12/27/77-05/02/91	8 ##	5.	5.125	6.	5.	0.125	0.354	**	**	**	**
01045 IRON, TOTAL (UG/L AS FE)	12/27/77-12/05/91	8	54.	77.338	270.	0.2	8591.083	92.688	**	**	**	**
01051 LEAD, TOTAL (UG/L AS PB)	12/27/77-05/02/91	8 ##	7.5	18.75	80.	5.	683.929	26.152	**	**	**	**
01055 MANGANESE, TOTAL (UG/L AS MN)	12/27/77-05/02/91	8 ##	5.	13.875	70.	5.	517.268	22.744	**	**	**	**
01067 NICKEL, TOTAL (UG/L AS NI)	12/27/77-05/02/91	8 ##	5.	5.75	10.	5.	3.071	1.753	**	**	**	**
01077 SILVER, TOTAL (UG/L AS AG)	12/27/77-05/02/91	8 ##	5.	5.75	10.	5.	3.071	1.753	**	**	**	**
01092 ZINC, TOTAL (UG/L AS ZN)	12/27/77-05/02/91	8	30.	65.625	310.	5.	9967.411	99.837	**	**	**	**
31503 COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	12/04/74-05/02/91	8	4300.	9925.	43000.	2400.	183345000.	13540.495	**	**	**	**
31503 LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	12/04/74-05/02/91	8	3.633	3.799	4.633	3.38	0.145	0.381	**	**	**	**
31503 GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	12/04/74-05/02/91	8	930.	6293.427	4300.	430.	1676669.643	1294.863	**	**	**	**
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/04/74-05/02/91	8	2.968	3.043	3.633	2.633	0.117	0.342	**	**	**	**
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/04/74-05/02/91	8	2850.	4775.	15000.	1000.	22202142.857	4711.915	**	**	**	**
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/04/74-05/02/91	8	3.454	3.518	4.176	3.	0.155	0.394	**	**	**	**
31673 FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	12/04/74-05/02/91	8	2850.	4775.	15000.	1000.	22202142.857	4711.915	**	**	**	**
31673 LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	12/04/74-05/02/91	8	3.454	3.518	4.176	3.	0.155	0.394	**	**	**	**
31673 GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	12/04/74-05/02/91	8	3.454	3.518	4.176	3.	0.155	0.394	**	**	**	**
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/19/78-05/02/91	9	903.	813.	1072.	157.	79685.	282.285	157.	721.	965.5	1072.
70507 PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/10/78-05/02/91	8	0.055	0.212	0.81	0.025	0.096	0.311	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot



### Annual Analysis for 1988 - Station SAMO0018

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71850 NITRATE NITROGEN, TOTAL (MG/L AS NO3)	12/27/77-12/05/90	2	16.6	16.6	16.9	16.3	0.18	0.424	**	**	**	**
71900 MERCURY, TOTAL (UG/L AS HG)	12/27/77-05/02/91	8 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1989 - Station SAMO0018

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/27/77-05/02/91	12	58.	56.	65.	41.	64.	8.	41.3	52.25	63.5	64.7
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/27/77-05/02/91	14	1339.5	1134.357	1455.	195.	207511.786	455.535	264.5	1024.5	1426.	1445.
00310 BOD, 5 DAY, 20 DEG C MG/L	12/27/77-04/03/91	7	1.	2.4	9.	0.5	9.237	3.039	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	12/27/77-05/02/91	14	8.15	7.979	8.4	7.1	0.174	0.417	7.2	7.7	8.3	8.35
00403 CONVERTED PH, LAB, STANDARD UNITS	12/27/77-05/02/91	14	8.147	7.75	8.4	7.1	0.23	0.48	7.2	7.7	8.3	8.35
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/27/77-05/02/91	14	0.007	0.018	0.079	0.004	0.001	0.023	0.004	0.005	0.022	0.065
00440 BICARBONATE ION (MG/L AS HCO3)	12/27/77-05/02/91	14	291.5	253.929	325.	60.	9634.533	98.156	70.	212.	320.25	323.5
00608 NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/17/79-05/02/91	14 ##	0.05	0.122	0.63	0.03	0.029	0.17	0.04	0.05	0.105	0.5
00615 NITRITE NITROGEN, TOTAL (MG/L AS N)	12/17/79-05/02/91	14 ##	0.22	0.271	0.5	0.05	0.045	0.213	0.05	0.05	0.5	0.5
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	12/27/77-05/02/91	14	2.72	2.705	4.29	1.355	0.864	0.929	1.458	1.773	3.418	4.125
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/80-04/03/91	7 ##	0.5	7.686	42.9	0.5	249.788	15.805	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	12/27/77-05/02/91	14	551.5	470.214	673.	76.	39661.566	199.152	93.5	425.5	574.75	646.5
00916 CALCIUM, TOTAL (MG/L AS Ca)	12/27/77-05/02/91	14	114.	99.829	144.	22.	1539.704	39.239	26.8	89.75	123.5	135.
00927 MAGNESIUM, TOTAL (MG/L AS MG)	12/27/77-05/02/91	14	63.05	53.643	76.	5.2	615.49	24.809	6.45	47.525	67.525	76.
00929 SODIUM, TOTAL (MG/L AS NA)	12/27/77-05/02/91	14	92.7	78.493	112.	7.9	1274.147	35.695	11.5	62.75	105.25	109.
00937 POTASSIUM, TOTAL MG/L AS K)	12/27/77-05/02/91	14	5.7	8.217	35.	4.6	62.497	7.905	4.65	5.35	6.855	23.35
00940 CHLORIDE, TOTAL IN WATER MG/L	12/27/77-05/02/91	14	103.5	90.214	130.	6.	1774.489	42.125	11.5	70.	126.	128.5
00945 SULFATE, TOTAL (MG/L AS SO4)	12/27/77-05/02/91	14	261.5	228.286	337.	27.	11071.758	105.222	30.5	189.5	293.75	333.5
00951 FLUORIDE, TOTAL (MG/L AS F)	12/27/77-05/02/91	14	0.5	0.495	0.72	0.1	0.027	0.165	0.185	0.428	0.62	0.71
01007 BARIUM, TOTAL (UG/L AS BA)	12/27/77-05/02/91	14	40.	52.143	190.	20.	1941.209	44.059	20.	30.	50.	145.
01027 CADMIUM, TOTAL (UG/L AS CD)	12/27/77-05/02/91	14 ##	5.	6.071	20.	5.	16.071	4.009	5.	5.	5.	12.5
01032 CHROMIUM, HEXAVALENT (UG/L AS CR)	12/27/77-05/02/91	14 ##	10.	10.357	15.	10.	1.786	1.336	10.	10.	10.	12.5
01034 CHROMIUM, TOTAL (UG/L AS CR)	12/27/77-05/02/91	14 ##	15.	13.571	30.	5.	47.802	6.914	5.	5.	15.	25.
01042 COPPER, TOTAL (UG/L AS CU)	12/27/77-05/02/91	14 ##	5.	28.929	300.	5.	6142.995	78.377	5.	5.	8.75	165.
01045 IRON, TOTAL (UG/L AS FE)	12/27/77-12/05/91	14	50.	2036.071	22300.	5.	36205196.841	6017.075	5.	16.25	110.	13950.
01051 LEAD, TOTAL (UG/L AS PB)	12/27/77-05/02/91	14 ##	12.5	50.357	240.	5.	4751.786	68.933	5.	5.	92.5	185.
01055 MANGANESE, TOTAL (UG/L AS MN)	12/27/77-05/02/91	14 ##	5.	75.714	840.	5.	49868.681	223.313	5.	5.	10.	495.
01067 NICKEL, TOTAL (UG/L AS NI)	12/27/77-05/02/91	14 ##	5.	13.929	80.	5.	458.379	21.41	5.	5.	8.75	60.
01077 SILVER, TOTAL (UG/L AS AG)	12/27/77-05/02/91	14 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01092 ZINC, TOTAL (UG/L AS ZN)	12/27/77-05/02/91	14	20.	61.429	570.	5.	22170.879	148.899	5.	5.	30.	340.
31503 COLIFORM, TOT, MEMBR FILTER, DELAYED, M-ENDO MED, 35 C	12/04/74-05/02/91	14	8150.	89013.571	920000.	490.60454526732.418	245875.023	795.	1375.	21000.	570000.	
31503 LOG COLIFORM, TOT, MEMBR FILTER, DELAYED, M-ENDO MED, 3	12/04/74-05/02/91	14	3.816	3.923	5.964	2.69	0.844	0.919	2.866	3.138	4.302	5.653
31503 GM COLIFORM, TOT, MEMBR FILTER, DELAYED, M-ENDO MED, 35	GEOMETRIC MEAN =			8369.784								
31616 FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	12/04/74-05/02/91	14	595.	19566.429	140000.	130. 2041603147.802	45184.103	130.	230.	6925.	125000.	
31616 LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	12/04/74-05/02/91	14	2.768	3.138	5.146	2.114	1.028	1.014	2.114	2.362	3.796	5.094
31616 GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			1374.345								
31673 FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	12/04/74-05/02/91	14	1850.	24828.571	230000.	200. 3937354505.495	62748.343	250.	625.	7975.	155000.	
31673 LOG FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	12/04/74-05/02/91	14	3.259	3.412	5.362	2.301	0.789	0.888	2.389	2.784	3.724	5.132
31673 GM FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	GEOMETRIC MEAN =			2581.773								
70300 RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	10/19/78-05/02/91	14	912.	771.357	1004.	130.	102217.632	319.715	164.5	704.25	950.5	997.5
70507 PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/10/78-05/02/91	14	0.07	0.157	0.71	0.01	0.04	0.2	0.018	0.048	0.198	0.555
71850 NITRATE NITROGEN, TOTAL (MG/L AS NO3)	12/27/77-12/05/90	14	12.05	12.4	19.	6.9	13.968	3.737	7.	9.225	15.125	18.25
71900 MERCURY, TOTAL (UG/L AS HG)	12/27/77-05/02/91	14 ##	0.5	0.55	1.2	0.5	0.035	0.187	0.5	0.5	0.5	0.85

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### Annual Analysis for 1990 - Station SAMO0018

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/27/77-05/02/91	13	51.	52.308	63.	38.	40.897	6.395	42.4	49.	57.5	61.8
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/27/77-05/02/91	13	1389.	1304.	1576.	229.	121410.	348.439	558.6	1334.5	1479.5	1566.8
00310 BOD, 5 DAY, 20 DEG C MG/L	12/27/77-04/03/91	5	1.4	2.18	5.	0.5	3.362	1.834	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	12/27/77-05/02/91	13	8.2	8.108	8.3	7.4	0.079	0.281	7.52	8.	8.3	8.3
00403 CONVERTED PH, LAB, STANDARD UNITS	12/27/77-05/02/91	13	8.2	7.997	8.3	7.4	0.092	0.304	7.52	8.	8.3	8.3
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/27/77-05/02/91	13	0.006	0.01	0.04	0.005	0.	0.01	0.005	0.005	0.01	0.032
00440 BICARBONATE ION (MG/L AS HCO3)	12/27/77-05/02/91	13	295.	277.769	348.	46.	6051.359	77.79	110.8	277.5	323.	342.
00608 NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/17/79-05/02/91	13	0.19	0.274	1.	0.05	0.075	0.274	0.05	0.085	0.465	0.808
00615 NITRITE NITROGEN, TOTAL (MG/L AS N)	12/17/79-05/02/91	13 ##	0.05	0.064	0.17	0.017	0.002	0.042	0.03	0.05	0.05	0.158
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	12/27/77-05/02/91	13	2.49	2.299	3.66	1.14	0.865	0.93	1.144	1.425	3.075	3.608
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/80-04/03/91	5	5.	7.04	18.5	2.1	43.203	6.573	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	12/27/77-05/02/91	13	528.	492.923	608.	74.	18041.244	134.318	212.	491.5	557.5	595.2
00916 CALCIUM, TOTAL (MG/L AS Ca)	12/27/77-05/02/91	13	105.	100.762	132.	18.6	869.424	29.486	41.36	92.65	123.	130.4
00927 MAGNESIUM, TOTAL (MG/L AS MG)	12/27/77-05/02/91	13	64.7	58.592	68.3	6.6	272.722	16.514	23.48	58.85	66.95	68.1
00929 SODIUM, TOTAL (MG/L AS Na)	12/27/77-05/02/91	13	102.	101.592	132.	13.2	963.054	31.033	39.76	94.95	127.	131.2
00937 POTASSIUM, TOTAL MG/L AS K)	12/27/77-05/02/91	13	4.46	5.092	9.	3.78	2.358	1.536	3.804	3.95	5.8	8.28
00940 CHLORIDE, TOTAL IN WATER MG/L	12/27/77-05/02/91	13	121.	118.538	169.	14.	1438.769	37.931	43.6	109.	146.5	161.4
00945 SULFATE, TOTAL (MG/L AS SO4)	12/27/77-05/02/91	13	254.	237.538	286.	32.	4117.103	64.165	108.8	233.5	264.5	282.
00951 FLUORIDE, TOTAL (MG/L AS F)	12/27/77-05/02/91	13	0.51	0.528	0.94	0.1	0.037	0.193	0.224	0.44	0.585	0.868
01007 BARIUM, TOTAL (UG/L AS BA)	12/27/77-05/02/91	13	60.	63.077	170.	30.	1289.744	35.913	30.	45.	65.	138.
01027 CADMIUM, TOTAL (UG/L AS CD)	12/27/77-05/02/91	13 ##	5.	6.154	20.	5.	17.308	4.16	5.	5.	5.	14.
01032 CHROMIUM, HEXAVALENT (UG/L AS CR)	12/27/77-05/02/91	13 ##	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01034 CHROMIUM, TOTAL (UG/L AS CR)	12/27/77-05/02/91	13 ##	10.	11.538	15.	5.	14.103	3.755	5.	10.	15.	15.
01042 COPPER, TOTAL (UG/L AS CU)	12/27/77-05/02/91	13	10.	16.538	40.	5.	143.269	11.97	5.	7.5	20.	40.
01045 IRON, TOTAL (UG/L AS FE)	12/27/77-12/05/91	13	130.	1935.385	21400.	40.	34448993.59	5869.327	44.	70.	410.	13600.
01051 LEAD, TOTAL (UG/L AS PB)	12/27/77-05/02/91	13 ##	5.	10.769	60.	5.	224.359	14.979	5.	5.	10.	40.
01055 MANGANESE, TOTAL (UG/L AS MN)	12/27/77-05/02/91	13 ##	5.	57.308	640.	5.	30806.731	175.518	5.	5.	5.	404.
01067 NICKEL, TOTAL (UG/L AS NI)	12/27/77-05/02/91	13 ##	5.	9.231	30.	5.	86.859	9.32	5.	5.	7.5	30.
01077 SILVER, TOTAL (UG/L AS AG)	12/27/77-05/02/91	13 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01092 ZINC, TOTAL (UG/L AS ZN)	12/27/77-05/02/91	13	50.	80.769	260.	20.	5324.359	72.968	24.	35.	110.	232.
31503 COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	12/04/74-05/02/91	13	2300.	67301.538	800000.	330.48533559247.436	220303.335	514.	1050.	11000.	492000.	
31503 LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	12/04/74-05/02/91	13	3.362	3.632	5.903	2.519	0.784	0.885	2.67	3.009	4.041	5.333
31503 GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			4290.134								
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/04/74-05/02/91	13	1300.	3327.615	11000.	79.	14136427.256	3759.844	167.4	395.	7450.	9800.
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/04/74-05/02/91	13	3.114	3.15	4.041	1.898	0.453	0.673	2.129	2.584	3.871	3.986
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1414.1								
31673 FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	12/04/74-05/02/91	13	3300.	13210.	50000.	330.	300562966.667	17336.752	718.	2250.	18000.	49600.
31673 LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	12/04/74-05/02/91	13	3.519	3.747	4.699	2.519	0.409	0.64	2.757	3.339	4.238	4.695
31673 GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			5579.841								
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/19/78-05/02/91	13	925.	863.	1048.	137.	54412.833	233.266	360.6	888.	976.	1028.
70507 PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/10/78-05/02/91	12	0.065	0.174	1.	0.01	0.089	0.299	0.01	0.015	0.118	0.865
71850 NITRATE NITROGEN,TOTAL (MG/L AS NO3)	12/27/77-12/05/90	13	11.	10.169	16.2	5.	16.911	4.112	5.04	6.3	13.6	15.96
71900 MERCURY, TOTAL (UG/L AS HG)	12/27/77-05/02/91	13 ##	0.5	0.538	1.	0.5	0.019	0.139	0.5	0.5	0.5	0.8

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1991 - Station SAMO0018

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/27/77-05/02/91	4	45.	48.25	60.	43.	62.25	7.89	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/27/77-05/02/91	4	1446.	1483.5	1636.	1406.	10694.333	103.413	**	**	**	**
00310 BOD, 5 DAY, 20 DEG C MG/L	12/27/77-04/03/91	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	12/27/77-05/02/91	4	8.25	8.3	8.5	8.2	0.02	0.141	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	12/27/77-05/02/91	4	8.247	8.284	8.5	8.2	0.02	0.143	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/27/77-05/02/91	4	0.006	0.005	0.006	0.003	0.	0.001	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	12/27/77-05/02/91	4	274.	281.	328.	248.	1426.	37.762	**	**	**	**
00608 NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/17/79-05/02/91	4	0.16	0.175	0.33	0.05	0.014	0.118	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1991 - Station SAMO0018

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/17/79-05/02/91	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/27/77-05/02/91	4	3.73	3.088	4.02	0.87	2.246	1.499	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/80-04/03/91	1	3.3	3.3	3.3	3.3	0.	0.	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	12/27/77-05/02/91	4	645.5	638.75	723.	541.	6729.583	82.034	**	**	**
00916	CALCIUM, TOTAL (MG/L AS Ca)	12/27/77-05/02/91	4	153.	147.5	170.	114.	563.	23.728	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	12/27/77-05/02/91	4	67.3	65.625	74.	53.9	88.416	9.403	**	**	**
00929	SODIUM, TOTAL (MG/L AS Na)	12/27/77-05/02/91	4	97.9	94.225	105.	76.1	163.616	12.791	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	12/27/77-05/02/91	4	3.9	4.133	5.8	2.93	1.612	1.269	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	12/27/77-05/02/91	4	103.5	103.75	128.	80.	637.583	25.25	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	12/27/77-05/02/91	4	373.5	380.5	487.	288.	8169.667	90.386	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	12/27/77-05/02/91	4	0.67	0.675	0.8	0.56	0.01	0.098	**	**	**
01007	BARIUM, TOTAL (UG/L AS Ba)	12/27/77-05/02/91	2	40.	40.	50.	30.	200.	14.142	**	**	**
01027	CADMIUM, TOTAL (UG/L AS Cd)	12/27/77-05/02/91	2 ##	5.	5.	5.	5.	0.	0.	**	**	**
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	12/27/77-05/02/91	2 ##	15.	15.	15.	15.	0.	0.	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	12/27/77-05/02/91	2 ##	10.	10.	10.	10.	0.	0.	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	12/27/77-05/02/91	2 ##	10.	10.	10.	10.	0.	0.	**	**	**
01045	IRON, TOTAL (UG/L AS Fe)	12/27/77-12/05/91	5	5.	15.2	60.	1.	634.7	25.193	**	**	**
01051	LEAD, TOTAL (UG/L AS Pb)	12/27/77-05/02/91	2 ##	5.	5.	5.	5.	0.	0.	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	12/27/77-05/02/91	2 ##	32.5	32.5	60.	5.	1512.5	38.891	**	**	**
01067	NICKEL, TOTAL (UG/L AS Ni)	12/27/77-05/02/91	2 ##	5.	5.	5.	5.	0.	0.	**	**	**
01077	SILVER, TOTAL (UG/L AS Ag)	12/27/77-05/02/91	2 ##	5.	5.	5.	5.	0.	0.	**	**	**
01092	ZINC, TOTAL (UG/L AS Zn)	12/27/77-05/02/91	2	80.	80.	100.	60.	800.	28.284	**	**	**
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	12/04/74-05/02/91	3	2200.	6833.333	17000.	1300.	7772333.333	8816.084	**	**	**
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	12/04/74-05/02/91	3	3.342	3.562	4.23	3.114	0.348	0.59	**	**	**
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			3649.822							
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/04/74-05/02/91	3	500.	476.667	800.	130.	112633.333	335.609	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/04/74-05/02/91	3	2.699	2.572	2.903	2.114	0.168	0.41	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			373.251							
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	12/04/74-05/02/91	3	1100.	2200.	5000.	500.	5970000.	2443.358	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	12/04/74-05/02/91	3	3.041	3.146	3.699	2.699	0.258	0.508	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			1401.02							
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/19/78-05/02/91	4	1060.	1073.5	1254.	920.	18836.333	137.246	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/10/78-05/02/91	4 ##	0.05	0.108	0.32	0.01	0.021	0.147	**	**	**
71900	MERCURY, TOTAL (UG/L AS Hg)	12/27/77-05/02/91	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #1: 6/01 to 10/31 - Station SAMO0018

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/27/77-05/02/91	39	62.	61.808	79.	49.	39.179	6.259	53.	58.	65.	70.
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/27/77-05/02/91	39	1316.	1298.333	1700.	1018.	15866.807	125.964	1110.	1236.	1360.	1430.
00300 OXYGEN, DISSOLVED MG/L	12/04/74-07/09/85	23	9.	9.017	14.	5.	4.349	2.085	5.7	8.	10.8	11.
00310 BOD, 5 DAY, 20 DEG C MG/L	12/27/77-04/03/91	29	2.	3.1	23.	0.5	16.679	4.084	0.5	1.2	3.	5.
00340 COD, .25N K2CR2O7 MG/L	12/27/77-03/21/84	21	9.	17.905	136.	1.	813.49	28.522	4.	4.	20.5	30.8
00403 PH, LAB, STANDARD UNITS SU	12/27/77-05/02/91	39	8.2	8.141	8.7	7.	0.122	0.35	7.9	8.	8.3	8.5
00403 CONVERTED PH, LAB, STANDARD UNITS	12/27/77-05/02/91	39	8.2	7.927	8.7	7.	0.17	0.412	7.9	8.	8.3	8.5
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/27/77-05/02/91	39	0.006	0.012	0.1	0.002	0.	0.019	0.003	0.005	0.01	0.013
00440 BICARBONATE ION (MG/L AS HCO3)	12/27/77-05/02/91	39	295.	289.923	399.	188.	2084.336	45.655	229.	260.	315.	349.
00608 NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/17/79-05/02/91	35	0.12	0.215	1.52	0.005	0.089	0.299	0.005	0.05	0.23	0.602
00615 NITRITE NITROGEN, TOTAL (MG/L AS N)	12/17/79-05/02/91	34 ##	0.03	0.119	0.5	0.005	0.034	0.184	0.005	0.016	0.099	0.5
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	12/27/77-05/02/91	38	3.185	3.099	5.58	0.015	1.268	1.126	1.427	2.415	3.74	4.414
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/80-04/03/91	24	2.95	3.846	22.	0.5	19.404	4.405	0.5	1.55	5.	7.45
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	12/27/77-05/02/91	39	528.	514.462	601.	373.	3206.097	56.622	432.	480.	550.	583.
00916 CALCIUM, TOTAL (MG/L AS Ca)	12/27/77-05/02/91	39	114.	112.818	172.9	60.	479.298	21.893	84.	105.	122.	140.
00927 MAGNESIUM, TOTAL (MG/L AS MG)	12/27/77-05/02/91	39	59.7	56.677	69.	38.	80.195	8.955	42.	48.	64.	67.8
00929 SODIUM, TOTAL (MG/L AS Na)	12/27/77-05/02/91	39	84.	85.456	200.	50.3	696.416	26.39	57.5	68.	94.8	110.
00937 POTASSIUM, TOTAL MG/L AS K)	12/27/77-05/02/91	39	3.84	4.543	10.	2.6	2.373	1.54	3.	3.4	5.6	6.68
00940 CHLORIDE, TOTAL IN WATER MG/L	12/27/77-05/02/91	39	95.	98.641	163.	57.	634.447	25.188	65.	81.	112.	145.
00945 SULFATE, TOTAL (MG/L AS SO4)	12/27/77-05/02/91	39	265.	271.026	370.	165.	1740.605	41.721	230.	242.	294.	323.
00951 FLUORIDE, TOTAL (MG/L AS F)	12/27/77-05/02/91	21	0.49	0.553	1.2	0.1	0.067	0.259	0.312	0.395	0.67	0.988
01002 ARSENIC, TOTAL (UG/L AS AS)	12/27/77-05/02/91	17 ##	2.5	2.265	5.	0.5	1.972	1.404	0.9	1.	2.75	5.
01007 BARIUM, TOTAL (UG/L AS Ba)	12/27/77-05/02/91	27	50.	50.148	100.	12.	493.67	22.219	29.2	31.	60.	90.4
01022 BORON, TOTAL (UG/L AS B)	12/27/77-05/02/91	17	170.	168.235	380.	10.	6902.941	83.084	42.	140.	215.	276.
01027 CADMIUM, TOTAL (UG/L AS Cd)	12/27/77-05/02/91	30 ##	3.5	3.317	10.	0.5	7.646	2.765	0.5	0.5	5.	5.9
01032 CHROMIUM, HEXAVALENT (UG/L AS CR)	12/27/77-05/02/91	27 ##	10.	16.074	119.	5.	488.84	22.11	5.	5.	25.	25.
01034 CHROMIUM, TOTAL (UG/L AS CR)	12/27/77-05/02/91	30 ##	5.	10.917	100.	3.	302.605	17.396	5.	5.	14.5	15.
01042 COPPER, TOTAL (UG/L AS CU)	12/27/77-05/02/91	30 ##	5.	11.817	78.	3.5	228.905	15.13	5.	5.	12.5	26.7
01045 IRON, TOTAL (UG/L AS FE)	12/27/77-12/05/91	39	100.	487.167	9740.	0.5	2448071.373	1564.631	15.	38.	300.	830.
01051 LEAD, TOTAL (UG/L AS Pb)	12/27/77-05/02/91	30 ##	5.	9.8	50.	1.	159.131	12.615	5.	5.	10.	37.3
01055 MANGANESE, TOTAL (UG/L AS MN)	12/27/77-05/02/91	39 ##	20.	40.582	512.	5.	7934.965	89.078	5.	5.	37.	70.
01067 NICKEL, TOTAL (UG/L AS Ni)	12/27/77-05/02/91	30 ##	5.	12.267	80.	4.	273.375	16.534	5.	5.	12.25	29.7
01077 SILVER, TOTAL (UG/L AS AG)	12/27/77-05/02/91	28 ##	5.	4.364	10.	1.	3.356	1.832	1.9	2.8	5.	5.1
01092 ZINC, TOTAL (UG/L AS ZN)	12/27/77-05/02/91	30	50.	57.5	310.	3.5	4210.31	64.887	5.	16.25	62.5	139.7
01147 SELENIUM, TOTAL (UG/L AS SE)	12/27/77-05/02/91	14 ##	2.5	2.143	5.	1.	1.209	1.099	1.	1.	2.5	3.75
31503 COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	12/04/74-05/02/91	39	7500.	15252.077	80000.	1.	421237650.862	20524.075	1400.	2800.	18000.	43000.
31503 LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	12/04/74-05/02/91	39	3.875	3.786	4.903	0.	0.676	0.822	3.146	3.447	4.255	4.633
31503 GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			6110.143								
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/04/74-05/02/91	39	960.	1942.564	13000.	1.	8219652.252	2866.994	230.	600.	2000.	4800.
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/04/74-05/02/91	39	2.982	2.951	4.114	0.	0.461	0.679	2.362	2.778	3.301	3.681
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			892.374								
31673 FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	12/04/74-05/02/91	36	3000.	5364.722	29800.	330.	31276002.778	5592.495	1300.	1775.	8000.	13000.
31673 LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	12/04/74-05/02/91	36	3.477	3.558	4.474	2.519	0.154	0.392	3.114	3.248	3.903	4.114
31673 GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			3614.757								
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/19/78-05/02/91	39	903.	896.41	1100.	562.	9021.354	94.981	779.	870.	940.	1004.
70507 PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/10/78-05/02/91	37	0.06	0.115	1.47	0.005	0.061	0.247	0.01	0.03	0.1	0.144
71850 NITRATE NITROGEN,TOTAL (MG/L AS NO3)	12/27/77-12/05/90	12	14.35	13.892	24.	5.1	22.801	4.775	5.76	12.2	16.275	21.81
71900 MERCURY, TOTAL (UG/L AS Hg)	12/27/77-05/02/91	39 ##	0.5	1.732	50.2	0.05	63.669	7.979	0.05	0.2	0.5	0.6

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #2: 11/01 to 2/29 - Station SAMO0018

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/27/77-05/02/91	46	56.	54.891	70.	38.	40.499	6.364	45.	50.75	59.	60.
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/27/77-05/02/91	53	1271.	1000.189	1576.	229.	182558.887	427.269	339.2	512.5	1336.	1397.2
00300 OXYGEN, DISSOLVED MG/L	12/04/74-07/09/85	19	10.4	10.211	13.1	5.6	4.934	2.221	5.8	9.8	12.	13.

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #2: 11/01 to 2/29 - Station SAMO0018

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00310 BOD, 5 DAY, 20 DEG C MG/L	12/27/77-04/03/91	41	4.5	5.622	31.	0.	30.547	5.527	1.	2.	8.5	11.
00340 COD, .25N K2CR2O7 MG/L	12/27/77-03/21/84	36	38.5	83.778	914.	2.	25911.149	160.969	4.	12.25	74.5	236.1
00403 PH, LAB, STANDARD UNITS SU	12/27/77-05/02/91	53	8.1	7.917	8.9	6.3	0.257	0.507	7.34	7.55	8.3	8.46
00403 CONVERTED PH, LAB, STANDARD UNITS	12/27/77-05/02/91	53	8.1	7.516	8.9	6.3	0.42	0.648	7.34	7.55	8.3	8.46
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/27/77-05/02/91	53	0.008	0.03	0.501	0.001	0.006	0.075	0.003	0.005	0.028	0.046
00440 BICARBONATE ION (MG/L AS HCO3)	12/27/77-05/02/91	50	259.	228.52	378.	46.	8663.316	93.077	93.2	128.	305.25	324.9
00608 NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/17/79-05/02/91	36	0.05	1.853	60.08	0.005	99.776	9.989	0.005	0.013	0.13	1.009
00615 NITRITE NITROGEN, TOTAL (MG/L AS N)	12/17/79-05/02/91	31 ##	0.05	0.112	0.5	0.005	0.031	0.175	0.005	0.02	0.06	0.5
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	12/27/77-05/02/91	45	3.16	3.1	6.56	1.13	1.434	1.198	1.382	2.3	3.81	4.568
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/80-04/03/91	22	3.75	14.186	118.	0.5	651.118	25.517	0.8	1.5	15.675	38.43
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	12/27/77-05/02/91	51	500.	430.392	685.	74.	32574.603	180.484	133.2	319.	574.	609.8
00916 CALCIUM, TOTAL (MG/L AS Ca)	12/27/77-05/02/91	51	96.1	95.373	197.	18.6	1667.052	40.83	32.4	67.	126.	143.2
00927 MAGNESIUM, TOTAL (MG/L AS MG)	12/27/77-05/02/91	51	57.4	46.786	81.	6.6	508.614	22.552	12.14	27.	63.5	71.78
00929 SODIUM, TOTAL (MG/L AS Na)	12/27/77-05/02/91	50	65.05	60.738	130.	13.2	944.657	30.735	15.29	27.9	81.925	101.9
00937 POTASSIUM, TOTAL MG/L AS K)	12/27/77-05/02/91	50	5.6	7.417	26.6	1.6	33.892	5.822	3.11	3.775	7.4	15.8
00940 CHLORIDE, TOTAL IN WATER MG/L	12/27/77-05/02/91	49	71.	73.98	215.	14.	2033.729	45.097	17.	28.5	104.	126.
00945 SULFATE, TOTAL (MG/L AS SO4)	12/27/77-05/02/91	50	249.	216.2	425.	32.	13571.959	116.499	52.4	90.5	306.5	368.1
00951 FLUORIDE, TOTAL (MG/L AS F)	12/27/77-05/02/91	37	0.4	0.418	1.	0.03	0.05	0.224	0.1	0.26	0.6	0.712
01002 ARSENIC, TOTAL (UG/L AS AS)	12/27/77-05/02/91	25	4.	18.18	214.	1.	1857.643	43.1	1.9	2.5	10.5	48.
01007 BARIUM, TOTAL (UG/L AS Ba)	12/27/77-05/02/91	32	50.	249.813	3300.	16.	387388.028	622.405	27.2	36.	148.5	890.
01022 BORON, TOTAL (UG/L AS B)	12/27/77-05/02/91	31	200.	163.395	470.	0.03	13556.475	116.432	22.	50.	220.	323.
01027 CADMIUM, TOTAL (UG/L AS Cd)	12/27/77-05/02/91	36 ##	5.	6.903	30.	0.5	52.64	7.255	0.5	0.5	13.75	16.5
01032 CHROMIUM, HEXAVALENT (UG/L AS CR)	12/27/77-05/02/91	36 ##	10.	11.625	48.	2.5	100.62	10.031	2.5	5.	13.75	25.
01034 CHROMIUM, TOTAL (UG/L AS CR)	12/27/77-05/02/91	36 ##	14.5	33.278	360.	5.	4196.778	64.783	5.	5.	27.5	83.
01042 COPPER, TOTAL (UG/L AS CU)	12/27/77-05/02/91	36 ##	10.	41.889	311.	5.	5528.216	74.352	5.	5.	37.5	129.
01045 IRON, TOTAL (UG/L AS FE)	12/27/77-12/05/91	47	180.	6153.936	56000.	1.	14485550.496	12035.595	7.4	50.	4070.	22284.
01051 LEAD, TOTAL (UG/L AS Pb)	12/27/77-05/02/91	36 ##	14.5	27.722	240.	5.	1967.178	44.353	5.	5.	25.	66.
01055 MANGANESE, TOTAL (UG/L AS MN)	12/27/77-05/02/91	48	30.5	394.75	3910.	5.	886042.787	941.298	5.	5.	197.5	1044.
01067 NICKEL, TOTAL (UG/L AS Ni)	12/27/77-05/02/91	36 ##	10.	42.306	510.	5.	10934.79	104.57	5.	5.	29.25	87.
01077 SILVER, TOTAL (UG/L AS AG)	12/27/77-05/02/91	36 ##	5.	5.417	10.	0.5	8.521	2.919	1.	5.	5.	10.
01092 ZINC, TOTAL (UG/L AS ZN)	12/27/77-05/02/91	36	50.	158.486	1350.	3.5	78406.55	280.012	4.55	16.25	145.	521.
01147 SELENIUM, TOTAL (UG/L AS SE)	12/27/77-05/02/91	24 ##	2.5	3.771	25.	1.	21.478	4.634	1.5	2.5	4.	5.
31503 COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	12/04/74-05/02/91	50	11500.	101227.6	800000.	80.38683685026.776	196681.685	1300.	3525.	77000.	418000.	5.621
31503 LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	12/04/74-05/02/91	50	4.06	4.199	5.903	1.903	0.858	0.926	3.114	3.547	4.886	
31503 GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			15816.028								
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/04/74-05/02/91	49	1200.	11118.571	140000.	60.	722474875.	26878.893	160.	500.	8750.	35000.
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/04/74-05/02/91	49	3.079	3.282	5.146	1.778	0.696	0.835	2.204	2.696	3.94	4.544
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1914.271								
31673 FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	12/04/74-05/02/91	48	10000.	37330.208	230000.	50.	2917626142.509	54015.055	670.	2200.	55250.	115800.
31673 LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	12/04/74-05/02/91	48	4.	3.971	5.362	1.699	0.772	0.879	2.821	3.342	4.742	5.062
31673 GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			9357.634								
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/19/78-05/02/91	42	893.	738.143	991.	137.	78638.662	280.426	208.6	585.75	925.5	968.7
70507 PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/10/78-05/02/91	48	0.085	0.275	1.93	0.01	0.186	0.431	0.02	0.04	0.378	0.838
71850 NITRATE NITROGEN,TOTAL (MG/L AS NO3)	12/27/77-12/05/90	28	12.85	12.746	29.	0.5	43.51	6.596	4.78	7.2	16.75	20.73
71900 MERCURY, TOTAL (UG/L AS Hg)	12/27/77-05/02/91	48 ##	0.5	1.123	9.	0.05	3.526	1.878	0.05	0.5	0.5	2.5

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #3: 3/01 to 5/31 - Station SAMO0018

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/27/77-05/02/91	29	57.	55.862	67.	43.	29.409	5.423	49.	52.5	60.	60.
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/27/77-05/02/91	30	1180.	1046.133	1636.	195.	176306.395	419.889	372.	658.25	1366.	1486.7
00300 OXYGEN, DISSOLVED MG/L	12/04/74-07/09/85	12	9.85	9.975	12.	8.8	0.911	0.955	8.86	9.15	10.8	11.7
00310 BOD, 5 DAY, 20 DEG C MG/L	12/27/77-04/03/91	23	3.	5.083	27.	1.	39.386	6.276	1.	1.	5.	14.6
00340 COD, .25N K2CR2O7 MG/L	12/27/77-03/21/84	19	25.	63.763	360.	0.5	11005.899	104.909	8.	10.	51.	323.
00403 PH, LAB, STANDARD UNITS SU	12/27/77-05/02/91	30	8.2	8.04	8.6	6.8	0.189	0.434	7.5	7.775	8.3	8.5

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #3: 3/01 to 5/31 - Station SAMO0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	CONVERTED PH, LAB, STANDARD UNITS	12/27/77-05/02/91	30	8.2	7.756	8.6	6.8	0.272	0.522	7.5	7.775	8.3	8.5
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/27/77-05/02/91	30	0.006	0.018	0.158	0.003	0.001	0.031	0.003	0.005	0.017	0.032
00440	BICARBONATE ION (MG/L AS HCO3)	12/27/77-05/02/91	30	257.5	234.367	343.	60.	8169.413	90.385	78.5	147.	307.	332.5
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/17/79-05/02/91	24	0.098	0.216	1.54	0.005	0.126	0.355	0.008	0.05	0.188	0.74
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/17/79-05/02/91	23	0.05	0.111	0.5	0.005	0.026	0.161	0.007	0.02	0.08	0.5
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/27/77-05/02/91	28	2.575	2.679	7.74	0.87	2.351	1.533	0.936	1.58	3.848	4.344
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/80-04/03/91	15	4.3	10.607	35.	0.5	131.885	11.484	1.58	3.3	19.8	34.28
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	12/27/77-05/02/91	30	495.	413.433	723.	37.	38572.461	196.399	81.8	261.25	564.25	618.8
00916	CALCIUM, TOTAL (MG/L AS Ca)	12/27/77-05/02/91	30	101.45	94.283	170.	16.	1844.44	42.947	36.08	51.	125.5	152.9
00927	MAGNESIUM, TOTAL (MG/L AS MG)	12/27/77-05/02/91	30	51.25	45.903	76.	2.	567.46	23.821	6.43	24.75	66.4	72.08
00929	SODIUM, TOTAL (MG/L AS Na)	12/27/77-05/02/91	30	57.5	60.837	128.	7.9	1265.398	35.572	17.2	28.25	93.45	111.3
00937	POTASSIUM, TOTAL MG/L AS K)	12/27/77-05/02/91	30	4.	5.799	35.	0.5	43.835	6.621	2.35	3.225	5.05	15.57
00940	CHLORIDE, TOTAL IN WATER MG/L	12/27/77-05/02/91	30	65.	76.367	253.	6.	2945.551	54.273	20.	32.5	126.	144.5
00945	SULFATE, TOTAL (MG/L AS SO4)	12/27/77-05/02/91	30	275.	241.667	487.	27.	14622.989	120.926	53.3	122.5	330.25	351.3
00951	FLUORIDE, TOTAL (MG/L AS F)	12/27/77-05/02/91	22	0.505	0.495	1.1	0.1	0.072	0.269	0.124	0.275	0.685	0.898
01002	ARSENIC, TOTAL (UG/L AS AS)	12/27/77-05/02/91	13 ##	2.5	7.346	59.	1.	246.849	15.711	1.	1.75	4.25	39.4
01007	BARIUM, TOTAL (UG/L AS Ba)	12/27/77-05/02/91	20	50.	405.2	2040.	20.	533126.063	730.155	26.4	35.5	149.	1880.
01022	BORON, TOTAL (UG/L AS B)	12/27/77-05/02/91	18	155.	184.122	650.	0.2	27485.422	165.787	4.52	44.	260.75	461.
01027	CADMIUM, TOTAL (UG/L AS Cd)	12/27/77-05/02/91	22 ##	5.	4.023	15.	0.5	16.892	4.11	0.5	0.5	5.	12.
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	12/27/77-05/02/91	22 ##	10.	16.705	75.	0.005	242.484	15.572	3.25	8.75	25.	25.
01034	CHROMIUM, TOTAL (UG/L AS CR)	12/27/77-05/02/91	22 ##	10.	87.727	675.	5.	26532.684	162.889	5.	5.	132.5	294.
01042	COPPER, TOTAL (UG/L AS CU)	12/27/77-05/02/91	22	10.	44.773	270.	5.	4775.041	69.102	5.	5.	52.	166.2
01045	IRON, TOTAL (UG/L AS FE)	12/27/77-12/05/91	27	100.	7883.489	167000.	0.21028244073	976	32066.245	4.4	40.	929.	10380.
01051	LEAD, TOTAL (UG/L AS PB)	12/27/77-05/02/91	21 ##	5.	22.857	100.	5.	1150.829	33.924	5.	5.	21.5	98.
01055	MANGANESE, TOTAL (UG/L AS MN)	12/27/77-05/02/91	25	40.	172.96	2090.	5.	192785.29	439.073	5.	5.	95.	598.
01067	NICKEL, TOTAL (UG/L AS NI)	12/27/77-05/02/91	21 ##	5.	127.762	1480.	5.	110501.19	332.417	5.	5.	70.	418.4
01077	SILVER, TOTAL (UG/L AS AG)	12/27/77-05/02/91	21 ##	5.	4.667	10.	0.5	6.008	2.451	0.6	5.	5.	9.
01092	ZINC, TOTAL (UG/L AS ZN)	12/27/77-05/02/91	21	50.	170.357	1150.	3.5	91888.379	303.131	6.	25.	130.	798.6
01147	SELENIUM, TOTAL (UG/L AS SE)	12/27/77-05/02/91	12 ##	2.5	2.417	5.	1.	0.992	0.996	1.	2.125	2.5	4.25
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	12/04/74-05/02/91	29	3600.	56385.517	920000.	400.29814173718.473	172667.813	490.	1350.	35000.	120000.	
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	12/04/74-05/02/91	29	3.556	3.837	5.964	2.602	0.759	0.871	2.69	3.13	4.5	5.079
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			6870.833								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/04/74-05/02/91	29	800.	13178.966	152000.	50.1242810495.32	35253.517	160.	340.	2900.	64000.	
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/04/74-05/02/91	29	2.903	3.088	5.182	1.699	0.779	0.883	2.204	2.531	3.462	4.806
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1225.985								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	12/04/74-05/02/91	29	3300.	55437.931	827000.	300.28002606724.138	167339.794	500.	1200.	6850.	183000.	
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	12/04/74-05/02/91	29	3.519	3.665	5.918	2.477	0.762	0.873	2.699	3.078	3.836	5.262
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			4626.251								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/19/78-05/02/91	28	862.	783.786	1254.	130.	73446.915	271.011	385.6	546.75	960.25	1062.1
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/10/78-05/02/91	28	0.11	0.238	1.57	0.005	0.114	0.338	0.01	0.043	0.313	0.814
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	12/27/77-12/05/90	13	10.6	11.192	21.	4.	27.666	5.26	5.2	7.05	15.15	20.2
71900	MERCURY, TOTAL (UG/L AS HG)	12/27/77-05/02/91	27 ##	0.5	0.63	2.5	0.05	0.347	0.589	0.09	0.5	0.5	1.46

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

## Station Inventory for Station: SAMO0019

NPS Station ID: SAMO0019  
 Location: SANTA MONICA CANYON CHANNEL/ABOVE PAC. COAST HWY  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070104  
 Major Basin: CALIFORNIA  
 Minor Basin: LOS ANGELES RIVER  
 RF1 Index: 18070104  
 RF3 Index: 18070105000305.42  
 Description:

LAT/LON: 34.028338/-118.518059

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 7.45

Agency: 21CAL-4  
 FIPS State/County: 06037 CALIFORNIA/LOS ANGELES  
 STORET Station ID(s): WB0440142183105  
 Within Park Boundary: No

Date Created: 05/02/87

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 1.20  
 Distance from RF3: 0.02

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: SAMO0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
32104	BROMOFORM,WHOLE WATER,UG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
32106	CHLOROFORM,WHOLE WATER,UG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34301	CHLOROBENZENE TOTWUG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34311	CHLOROETHANE TOTWUG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34413	METHYL BROMIDE TOTWUG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34418	METHYL CHLORIDE TOTWUG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34496	1,1-DICHLOROETHANE TOTWUG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34501	1,1-DICHLOROETHYLENE TOTWUG/L	12/23/86-12/23/86	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34531	1,2-DICHLOROETHANE TOTWUG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34536	1,2-DICHLOROBENZENE TOTWUG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34541	1,2-DICHLOROPROPANE TOTWUG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34566	1,3-DICHLOROBENZENE TOTWUG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34571	1,4-DICHLOROBENZENE TOTWUG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	12/23/86-12/23/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34668	DICHLORODIFLUOROMETHANE TOTWUG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
77128	STYRENE WHOLE WATER,UG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
77134	1,3-DIMETHYLBENZENE(M-XYLENE) WHOLE WATER,UG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
77135	O-XYLENE WHOLE WATER,UG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	12/23/86-12/23/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
81596	METHYL-ISOBUTYL KETONE WHL WATER SMPL UG/L	12/23/86-12/23/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0019

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
32101 BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00				1	0	0.00						
32102 CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	1	0	0.00				1	0	0.00						
	Drinking Water	5.	1	0	0.00				1	0	0.00						
32104 BROMOFORM, WHOLE WATER	Drinking Water	100.	1	0	0.00				1	0	0.00						
32105 DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00				1	0	0.00						
32106 CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	1	0	0.00				1	0	0.00						
	Drinking Water	100.	1	0	0.00				1	0	0.00						
34010 TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	1	0	0.00				1	0	0.00						
	Drinking Water	1000.	1	0	0.00				1	0	0.00						
34301 CHLOROBENZENE, TOTAL	Drinking Water	100.	1	0	0.00				1	0	0.00						
34371 ETHYLBENZENE, TOTAL	Fresh Acute	32000.	1	0	0.00				1	0	0.00						
	Drinking Water	700.	1	0	0.00				1	0	0.00						
34423 METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	1	0	0.00				1	0	0.00						
34475 TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	1	0	0.00				1	0	0.00						
	Drinking Water	5.	1	0	0.00				1	0	0.00						
34501 1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	1	0	0.00				1	0	0.00						
34506 1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	1	0	0.00				1	0	0.00						
34511 1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	1	0	0.00				1	0	0.00						
34531 1,2-DICHLOROETHANE, TOTAL	Fresh Acute	118000.	1	0	0.00				1	0	0.00						
	Drinking Water	5.	1	0	0.00				1	0	0.00						
34536 1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00				1	0	0.00						
34541 1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	1	0	0.00				1	0	0.00						
34546 TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	1	0	0.00				1	0	0.00						
34566 1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00				1	0	0.00						
34571 1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	1	0	0.00				1	0	0.00						
39175 VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	1	0	0.00				1	0	0.00						
39180 TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	1	0	0.00				1	0	0.00						
	Drinking Water	5.	1	0	0.00				1	0	0.00						
77093 CIS-1,2-DICHLOROETHYLENE, WHOLE WATER	Drinking Water	70.	1	0	0.00				1	0	0.00						
77128 STYRENE, WHOLE WATER	Drinking Water	100.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



## Station Inventory for Station: SAMO0020

NPS Station ID: SAMO00020  
Location: SANTA MONICA CYN CHANNEL @ PCH  
Station Type: /TYPA/AMBNT/STREAM  
RMI-Indexes:  
RMI-Miles:  
HUC:  
Major Basin: SANTA MONICA BAY  
Minor Basin: TOPANGA QUADRANGLE  
RF1 Index:  
RF3 Index: 18070105000505.88  
Description:

LAT/LON: 34.027781/-118.518059

Agency: 21CALAFD  
FIPS State/County: 06037 CALIFORNIA/  
STORET Station ID(s): STMPAC/TG 40D5H8 1  
Within Park Boundary: Yes

Date Created: 06/11/76

Depth of Water: 999  
Elevation: 0

Aquifer:  
Water Body Id:  
ECO Region:  
Distance from RF1: 0.00  
Distance from RF3: 0.04

On/Off RF1:  
On/Off RF3:

### Parameter Inventory for Station: SAMO0020

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
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\*\*\*\*\* No Parameter Data Available for this Station \*\*\*\*\*

## Station Inventory for Station: SAMO0021

NPS Station ID: SAMO0021  
 Location: CABALLERO CREEK @ LOS ANGELES RIVER  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070105  
 Major Basin: CALIFORNIA  
 Minor Basin: LOS ANGELES RIVER  
 RF1 Index: 18070105  
 RF3 Index: 18070105023700.00  
 Description:

LAT/LON: 34.185281/-118.528060

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 0.16

Agency: 21CAL-4  
 FIPS State/County: 06037 CALIFORNIA/LOS ANGELES  
 STORET Station ID(s): WB0441107183141  
 Within Park Boundary: No

Date Created: 07/11/87

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 2.60  
 Distance from RF3: 0.12

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: SAMO0021

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32101 BROMODICHLOROMETHANE,WHOLE WATER,UG/L	05/19/87-05/19/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
32102 CARBON TETRACHLORIDE,WHOLE WATER,UG/L	05/19/87-05/19/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
32104 BROMOFORM,WHOLE WATER,UG/L	05/19/87-05/19/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
32105 DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	05/19/87-05/19/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
32106 CHLOROFORM,WHOLE WATER,UG/L	05/19/87-05/19/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34010 TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	05/19/87-05/19/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34030 BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	05/19/87-05/19/87	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34301 CHLOROBENZENE TOTWUG/L	05/19/87-05/19/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34311 CHLOROETHANE TOTWUG/L	05/19/87-05/19/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34371 ETHYLBENZENE TOTWUG/L	05/19/87-05/19/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34413 METHYL BROMIDE TOTWUG/L	05/19/87-05/19/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34418 METHYL CHLORIDE TOTWUG/L	05/19/87-05/19/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34423 METHYLENE CHLORIDE TOTWUG/L	05/19/87-05/19/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34475 TETRACHLOROETHYLENE TOTWUG/L	05/19/87-05/19/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34488 TRICHLOROFLUOROMETHANE TOTWUG/L	05/19/87-05/19/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34496 1,1-DICHLOROETHANE TOTWUG/L	05/19/87-05/19/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34501 1,1-DICHLOROETHYLENE TOTWUG/L	05/19/87-05/19/87	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34506 1,1,1-TRICHLOROETHANE TOTWUG/L	05/19/87-05/19/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34511 1,1,2-TRICHLOROETHANE TOTWUG/L	05/19/87-05/19/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34516 1,1,2,2-TETRACHLOROETHANE TOTWUG/L	05/19/87-05/19/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34531 1,2-DICHLOROETHANE TOTWUG/L	05/19/87-05/19/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34536 1,2-DICHLOROBENZENE TOTWUG/L	05/19/87-05/19/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34541 1,2-DICHLOROPROPANE TOTWUG/L	05/19/87-05/19/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34546 TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	05/19/87-05/19/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34566 1,3-DICHLOROBENZENE TOTWUG/L	05/19/87-05/19/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34571 1,4-DICHLOROBENZENE TOTWUG/L	05/19/87-05/19/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34576 2-CHLOROETHYL VINYL ETHER TOTWUG/L	05/19/87-05/19/87	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34668 DICHLORODIFLUOROMETHANE TOTWUG/L	05/19/87-05/19/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34699 TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	05/19/87-05/19/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34704 CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	05/19/87-05/19/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39175 VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	05/19/87-05/19/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39180 TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	05/19/87-05/19/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
77093 CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	05/19/87-05/19/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
77128 STYRENE WHOLE WATER,UG/L	05/19/87-05/19/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
77651 1,2-DIBROMOETHANE WHOLE WATER,UG/L	05/19/87-05/19/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
81595 METHYL ETHYL KETONE WHL WATER SMPL UG/L	05/19/87-05/19/87	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
81596 METHYL-ISOBUTYL KETONE WHL WATER SMPL UG/L	05/19/87-05/19/87	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
81710 M-XYLENE IN THE WHOLE WATER SAMPLE MG/L	05/19/87-05/19/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: SAMO0021

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
81711 O-XYLENE IN THE WHOLE WATER SAMPLE MG/L	05/19/87-05/19/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0021

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
32101 BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00							1	0	0.00			
32102 CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	1	0	0.00							1	0	0.00			
	Drinking Water	5.	1	0	0.00							1	0	0.00			
32104 BROMOFORM, WHOLE WATER	Drinking Water	100.	1	0	0.00							1	0	0.00			
32105 DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00							1	0	0.00			
32106 CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	1	0	0.00							1	0	0.00			
	Drinking Water	100.	1	0	0.00							1	0	0.00			
34010 TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	1	0	0.00							1	0	0.00			
	Drinking Water	1000.	1	0	0.00							1	0	0.00			
34301 CHLOROBENZENE, TOTAL	Drinking Water	100.	1	0	0.00							1	0	0.00			
34371 ETHYLBENZENE, TOTAL	Fresh Acute	32000.	1	0	0.00							1	0	0.00			
	Drinking Water	700.	1	0	0.00							1	0	0.00			
34423 METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	1	0	0.00							1	0	0.00			
34475 TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	1	0	0.00							1	0	0.00			
	Drinking Water	5.	1	0	0.00							1	0	0.00			
34501 1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	1	0	0.00							1	0	0.00			
34506 1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	1	0	0.00							1	0	0.00			
34511 1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	1	0	0.00							1	0	0.00			
34531 1,2-DICHLOROETHANE, TOTAL	Fresh Acute	118000.	1	0	0.00							1	0	0.00			
	Drinking Water	5.	1	0	0.00							1	0	0.00			
34536 1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00							1	0	0.00			
34541 1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	1	0	0.00							1	0	0.00			
34546 TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	1	0	0.00							1	0	0.00			
34566 1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00							1	0	0.00			
34571 1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	1	0	0.00							1	0	0.00			
39175 VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	1	0	0.00							1	0	0.00			
39180 TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	1	0	0.00							1	0	0.00			
	Drinking Water	5.	1	0	0.00							1	0	0.00			
77093 CIS-1,2-DICHLOROETHYLENE, WHOLE WATER	Drinking Water	70.	1	0	0.00							1	0	0.00			
77128 STYRENE, WHOLE WATER	Drinking Water	100.	1	0	0.00							1	0	0.00			
77651 1,2-DIBROMOETHANE, WHOLE WATER	Drinking Water	0.05	0 &	0	0.00												

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: SAMO0022

NPS Station ID: SAMO0022

Location: CABALLERO CREEK @ VENTURA BLVD

Station Type: /TYP/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 18070105

Major Basin: LOS ANGELES RIVER

Minor Basin: CANOGA PARK QUADRANGLE

RF1 Index: 18070105

RF3 Index: 18070105001502.45

Description:

LAT/LON: 34.158337/-118.529170

Depth of Water: 999

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 3.72

Agency: 21CALAFD

FIPS State/County: 06037 CALIFORNIA/LOS ANGELES

STORET Station ID(s): CABVEN /TG 21C2G0 1

Within Park Boundary: No

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.00

Distance from RF3: 0.04

Date Created: 06/11/76

On/Off RF1:

On/Off RF3:

Parameter Inventory for Station: SAMO0022

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
***** No Parameter Data Available for this Station *****												

## Station Inventory for Station: SAMO0023

NPS Station ID: SAMO0023      LAT/LON: 34.190003/-118.540559  
 Location: ALISO CANYON CR./CONFLUENCE W/L.A. RIVER  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070105      Depth of Water: 0  
 Major Basin: CALIFORNIA      Elevation: 0  
 Minor Basin: LOS ANGELES RIVER  
 RF1 Index: 18070105      RF1 Mile Point: 0.000  
 RF3 Index: 18070105002200.00      RF3 Mile Point: 0.00  
 Description:

Agency: 21CAL-4  
 FIPS State/County: 06037 CALIFORNIA/LOS ANGELES  
 STORET Station ID(s): WB0441124183226  
 Within Park Boundary: No

Date Created: 05/02/87

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 6.20  
 Distance from RF3: 0.13

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: SAMO0023

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00341 COD, DISSOLVED, .25N K2CR2O7 MG/L	11/03/86-11/03/86	1	44.	44.	44.	44.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	11/03/86-11/03/86	1	9.4	9.4	9.4	9.4	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	11/03/86-11/03/86	1	9.4	9.4	9.4	9.4	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/03/86-11/03/86	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	11/03/86-11/03/86	1	186.	186.	186.	186.	0.	0.	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	11/03/86-11/03/86	1	127.	127.	127.	127.	0.	0.	**	**	**	**
00445 CARBONATE ION (MG/L AS CO3)	11/03/86-11/03/86	1	59.	59.	59.	59.	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	11/03/86-11/03/86	1	287.	287.	287.	287.	0.	0.	**	**	**	**
00918 CALCIUM, TOTAL RECOVERABLE IN WATER AS Ca MG/L	11/03/86-11/03/86	1	90.	90.	90.	90.	0.	0.	**	**	**	**
00921 MAGNESIUM, TOTAL RECOVERABLE IN WATER AS Mg MG/L	11/03/86-11/03/86	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00923 SODIUM, TOTAL RECOVERABLE IN WATER AS Na MG/L	11/03/86-11/03/86	1	78.	78.	78.	78.	0.	0.	**	**	**	**
00939 POTASSIUM, TOTAL RECOVERABLE IN WATER AS K MG/L	11/03/86-11/03/86	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	11/03/86-11/03/86	1	186.	186.	186.	186.	0.	0.	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	11/03/86-11/03/86	1	160.	160.	160.	160.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	11/03/86-11/03/86	1	0.67	0.67	0.67	0.67	0.	0.	**	**	**	**
00978 ARSENIC, TOTAL RECOVERABLE IN WATER AS As UG/L	11/03/86-11/03/86	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00979 COBALT, TOTAL RECOVERABLE IN WATER AS Co UG/L	11/03/86-11/03/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00980 IRON, TOTAL RECOVERABLE IN WATER AS Fe UG/L	11/03/86-11/03/86	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
00981 SELENIUM, TOTAL RECOVERABLE IN WATER AS Se UG/L	11/03/86-11/03/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
00982 THALLIUM, TOTAL RECOVERABLE IN WATER AS Tl UG/L	11/03/86-11/03/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
00983 TIN, TOTAL RECOVERABLE IN WATER AS Sn UG/L	11/03/86-11/03/86	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
00985 VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	11/03/86-11/03/86	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
00998 BERYLLIUM, TOTAL RECOVERABLE IN WATER AS Be UG/L	11/03/86-11/03/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00999 BORON, TOTAL RECOVERABLE IN WATER AS B UG/L	11/03/86-11/03/86	1	730.	730.	730.	730.	0.	0.	**	**	**	**
01009 BARIUM, TOTAL RECOVERABLE IN WATER AS Ba UG/L	11/03/86-11/03/86	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01032 CHROMIUM, HEXAVALENT (UG/L AS Cr)	11/03/86-11/03/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01074 NICKEL, TOTAL RECOVERABLE IN WATER AS Ni UG/L	11/03/86-11/03/86	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01079 SILVER, TOTAL RECOVERABLE IN WATER AS Ag UG/L	11/03/86-11/03/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01094 ZINC, TOTAL RECOVERABLE IN WATER AS Zn UG/L	11/03/86-11/03/86	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01097 ANTIMONY, TOTAL (UG/L AS Sb)	11/03/86-11/03/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01113 CADMIUM, TOTAL RECOVERABLE IN WATER AS Cd UG/L	11/03/86-11/03/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01114 LEAD, TOTAL RECOVERABLE IN WATER AS Pb UG/L	11/03/86-11/03/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01118 CHROMIUM, TOTAL RECOVERABLE IN WATER AS Cr UG/L	11/03/86-11/03/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01119 COPPER, TOTAL RECOVERABLE IN WATER AS Cu UG/L	11/03/86-11/03/86	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01123 MANGANESE, TOTAL RECOVERABLE IN WATER AS Mn UG/L	11/03/86-11/03/86	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01291 CYANIDE, FILTERABLE, TOTAL IN WATER UG/L	11/03/86-11/03/86	1	57.	57.	57.	57.	0.	0.	**	**	**	**
32101 BROMODICHLOROMETHANE, WHOLE WATER, UG/L	11/03/86-04/09/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
32102 CARBON TETRACHLORIDE, WHOLE WATER, UG/L	11/03/86-04/09/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

# Parameter Inventory for Station: SAMO0023

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32104	BROMOFORM,WHOLE WATER,UG/L	11/03/86-04/09/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	11/03/86-04/09/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
32106	CHLOROFORM,WHOLE WATER,UG/L	11/03/86-04/09/87	2 ##	0.925	0.925	1.6	0.25	0.911	0.955	**	**	**
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	11/03/86-04/09/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	11/03/86-04/09/87	2 ##	0.175	0.175	0.25	0.1	0.011	0.106	**	**	**
34200	ACENAPHTHYLENE TOTWUG/L	11/03/86-11/03/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**
34205	ACENAPHTHENE TOTWUG/L	11/03/86-11/03/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**
34220	ANTHRACENE TOTWUG/L	11/03/86-11/03/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**
34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	11/03/86-11/03/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	11/03/86-11/03/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
34247	BENZO-A-PYRENE TOTWUG/L	11/03/86-11/03/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	11/03/86-11/03/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**
34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	11/03/86-11/03/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	11/03/86-11/03/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	11/03/86-11/03/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	11/03/86-11/03/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**
34301	CHLOROBENZENE TOTWUG/L	11/03/86-04/09/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34311	CHLOROETHANE TOTWUG/L	11/03/86-04/09/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34320	CHRYSENE TOTWUG/L	11/03/86-11/03/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**
34336	DIETHYL PHTHALATE TOTWUG/L	11/03/86-11/03/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
34341	DIMETHYL PHTHALATE TOTWUG/L	11/03/86-11/03/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**
34351	ENDOSULFAN SULFATE TOTWUG/L	11/03/86-11/03/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
34356	ENDOSULFAN, BETA TOTWUG/L	11/03/86-11/03/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**
34361	ENDOSULFAN, ALPHA TOTWUG/L	11/03/86-11/03/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**
34366	ENDRIN ALDEHYDE TOTWUG/L	11/03/86-11/03/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**
34371	ETHYLBENZENE TOTWUG/L	11/03/86-04/09/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34376	FLUORANTHENE TOTWUG/L	11/03/86-11/03/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**
34381	FLUORENE TOTWUG/L	11/03/86-11/03/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**
34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	11/03/86-11/03/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
34391	HEXACHLOROBUTADIENE TOTWUG/L	11/03/86-11/03/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
34396	HEXACHLOROETHANE TOTWUG/L	11/03/86-11/03/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**
34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	11/03/86-11/03/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
34408	ISOPHORONE TOTWUG/L	11/03/86-11/03/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**
34413	METHYL BROMIDE TOTWUG/L	11/03/86-04/09/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34418	METHYL CHLORIDE TOTWUG/L	11/03/86-04/09/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	11/03/86-04/09/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	11/03/86-11/03/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**
34433	N-NITROSODIPHENYLAMINE TOTWUG/L	11/03/86-11/03/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**
34447	NITROBENZENE TOTWUG/L	11/03/86-11/03/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**
34452	PARACHLOROMETA CRESOL TOTWUG/L	11/03/86-11/03/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**
34461	PHENANTHRENE TOTWUG/L	11/03/86-11/03/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**
34469	PYRENE TOTWUG/L	11/03/86-11/03/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	11/03/86-04/09/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	11/03/86-04/09/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34496	1,1-DICHLOROETHANE TOTWUG/L	11/03/86-04/09/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34501	1,1-DICHLOROETHYLENE TOTWUG/L	11/03/86-04/09/87	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	11/03/86-04/09/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	11/03/86-04/09/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	11/03/86-04/09/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34521	BENZO(GHI)PERYLENE,12-BENZOPERYLENE TOTWUG/L	11/03/86-11/03/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
34526	BENZO(A)ANTHRACENE,1,2-BENZANTHRACENE TOTWUG/L	11/03/86-11/03/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
34531	1,2-DICHLOROETHANE TOTWUG/L	11/03/86-04/09/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34536	1,2-DICHLOROBENZENE TOTWUG/L	04/09/87-04/09/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34541	1,2-DICHLOROPROPANE TOTWUG/L	11/03/86-04/09/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	11/03/86-04/09/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	11/03/86-11/03/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**
34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	11/03/86-11/03/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
34566	1,3-DICHLOROBENZENE TOTWUG/L	04/09/87-04/09/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34571	1,4-DICHLOROBENZENE TOTWUG/L	04/09/87-04/09/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	11/03/86-04/09/87	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
34581	2-CHLORONAPHTHALENE TOTWUG/L	11/03/86-11/03/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**
34586	2-CHLOROPHENOL TOTWUG/L	11/03/86-11/03/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**
34591	2-NITROPHENOL TOTWUG/L	11/03/86-11/03/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**

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# Parameter Inventory for Station: SAMO0023

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34596	DI-N-OCTYL PHTHALATE TOTWUG/L	11/03/86-11/03/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34601	2,4-DICHLOROPHENOL TOTWUG/L	11/03/86-11/03/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34606	2,4-DIMETHYLPHENOL TOTWUG/L	11/03/86-11/03/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34611	2,4-DINITROTOLUENE TOTWUG/L	11/03/86-11/03/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34616	2,4-DINITROPHENOL TOTWUG/L	11/03/86-11/03/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	11/03/86-11/03/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34626	2,6-DINITROTOLUENE TOTWUG/L	11/03/86-11/03/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34631	3,3'-DICHLORO BENZIDINE TOTWUG/L	11/03/86-11/03/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	11/03/86-11/03/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	11/03/86-11/03/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34646	4-NITROPHENOL TOTWUG/L	11/03/86-11/03/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	11/03/86-11/03/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34668	DICHLORODIFUOROMETHANE TOTWUG/L	11/03/86-04/09/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34671	PCB - 1016 TOTWUG/L	11/03/86-11/03/86	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	11/03/86-11/03/86	2 ##	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
34696	NAPHTHALENE TOTWUG/L	11/03/86-11/03/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	11/03/86-04/09/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	11/03/86-04/09/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	11/03/86-11/03/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39045	2,4,5-TP INCLUDES ACIDS & SALTS WATER SAMPL UG/L	11/03/86-11/03/86	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	11/03/86-11/03/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	11/03/86-11/03/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	11/03/86-11/03/86	1 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	11/03/86-04/09/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	11/03/86-04/09/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	11/03/86-11/03/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	11/03/86-11/03/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	11/03/86-11/03/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	11/03/86-11/03/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	11/03/86-11/03/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	11/03/86-11/03/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	11/03/86-11/03/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	11/03/86-11/03/86	1	2.	2.	2.	2.	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	11/03/86-11/03/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	11/03/86-11/03/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	11/03/86-11/03/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	11/03/86-11/03/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	11/03/86-11/03/86	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	11/03/86-11/03/86	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	11/03/86-11/03/86	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	11/03/86-11/03/86	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	11/03/86-11/03/86	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	11/03/86-11/03/86	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
39700	HEXACHLORO BENZENE IN WHOLE WATER SAMPLE (UG/L)	11/03/86-11/03/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
70304	SOLIDS, TOTAL DISSOLVED-COND. METER (MG/L)	11/03/86-11/03/86	1	583.	583.	583.	583.	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	11/03/86-11/03/86	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	11/03/86-11/03/86	1	11.	11.	11.	11.	0.	0.	**	**	**	**
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	11/03/86-11/03/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	11/03/86-04/09/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
77128	STYRENE WHOLE WATER,UG/L	11/03/86-04/09/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
77134	1,3-DIMETHYLBENZENE(M-XYLENE) WHOLE WATER,UG/L	11/03/86-11/03/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
77135	O-XYLENE WHOLE WATER,UG/L	11/03/86-11/03/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	04/09/87-04/09/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	11/03/86-04/09/87	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
81596	METHYL-ISOBUTYL KETONE WHL WATER SMPL UG/L	11/03/86-04/09/87	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
81710	M-XYLENE IN THE WHOLE WATER SAMPLE MG/L	04/09/87-04/09/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
81711	O-XYLENE IN THE WHOLE WATER SAMPLE MG/L	04/09/87-04/09/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0023

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400 PH	Other-Hi Lim.	9.	1	1	1.00				1	1	1.00						
	Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00940 CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
	Drinking Water	250.	1	0	0.00				1	0	0.00						
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00				1	0	0.00						
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00				1	0	0.00						
00978 ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Fresh Acute	360.	1	0	0.00				1	0	0.00						
	Drinking Water	50.	1	0	0.00				1	0	0.00						
00981 SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Fresh Acute	20.	1	0	0.00				1	0	0.00						
	Drinking Water	50.	1	0	0.00				1	0	0.00						
00982 THALLIUM, TOTAL RECOVERABLE IN WATER AS	Fresh Acute	1400.	1	0	0.00				1	0	0.00						
	Drinking Water	2.	0 &	0	0.00												
00998 BERYLLIUM,TOTAL RECOVERABLE IN WATER AS	Fresh Acute	130.	1	0	0.00				1	0	0.00						
	Drinking Water	4.	1	0	0.00				1	0	0.00						
01009 BARIUM,TOTAL RECOVERABLE IN WATER AS BA	Drinking Water	2000.	1	0	0.00				1	0	0.00						
01032 CHROMIUM, HEXAVALENT	Fresh Acute	16.	1	0	0.00				1	0	0.00						
	Drinking Water	100.	1	0	0.00				1	0	0.00						
01074 NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Fresh Acute	1400.	1	0	0.00				1	0	0.00						
	Drinking Water	100.	1	0	0.00				1	0	0.00						
01079 SILVER, TOTAL RECOVERABLE IN WATER AS AG	Fresh Acute	4.1	1	0	0.00				1	0	0.00						
	Drinking Water	100.	1	0	0.00				1	0	0.00						
01094 ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Fresh Acute	120.	1	0	0.00				1	0	0.00						
	Drinking Water	5000.	1	0	0.00				1	0	0.00						
01097 ANTIMONY, TOTAL	Fresh Acute	88.	1	0	0.00				1	0	0.00						
	Drinking Water	6.	1	0	0.00				1	0	0.00						
01113 CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Fresh Acute	3.9	1	0	0.00				1	0	0.00						
	Drinking Water	5.	1	0	0.00				1	0	0.00						
01114 LEAD, TOTAL RECOVERABLE IN WATER AS PB	Fresh Acute	82.	1	0	0.00				1	0	0.00						
	Drinking Water	15.	1	0	0.00				1	0	0.00						
01118 CHROMIUM TOTAL RECOVERABLE IN WATER AS C	Drinking Water	100.	1	0	0.00				1	0	0.00						
01119 COPPER, TOTAL RECOVERABLE IN WATER AS CU	Fresh Acute	18.	1	1	1.00				1	1	1.00						
	Drinking Water	1300.	1	0	0.00				1	0	0.00						
01291 CYANIDE, FILTERABLE, TOTAL IN WATER	Fresh Acute	22.	1	1	1.00				1	1	1.00						
	Drinking Water	200.	1	0	0.00				1	0	0.00						
32101 BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	2	0	0.00				1	0	0.00	1	0	0.00			
32102 CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	5.	2	0	0.00				1	0	0.00	1	0	0.00			
32104 BROMOFORM, WHOLE WATER	Drinking Water	100.	2	0	0.00				1	0	0.00	1	0	0.00			
32105 DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	2	0	0.00				1	0	0.00	1	0	0.00			
32106 CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	100.	2	0	0.00				1	0	0.00	1	0	0.00			
34010 TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	1000.	2	0	0.00				1	0	0.00	1	0	0.00			
34205 ACENAPHTHENE, TOTAL	Fresh Acute	1700.	1	0	0.00				1	0	0.00						
34301 CHLOROBENZENE, TOTAL	Drinking Water	100.	2	0	0.00				1	0	0.00	1	0	0.00			
34356 ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	0 &	0	0.00												
34361 ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	0 &	0	0.00												
34371 ETHYLBENZENE, TOTAL	Fresh Acute	32000.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	700.	2	0	0.00				1	0	0.00	1	0	0.00			
34376 FLUORANTHENE, TOTAL	Fresh Acute	3980.	1	0	0.00				1	0	0.00						
34386 HEXACHLOROCYCLOPENTADIENE	Fresh Acute	7.	1	0	0.00				1	0	0.00						
34386 HEXACHLOROCYCLOPENTADIENE, TOTAL	Drinking Water	50.	1	0	0.00				1	0	0.00						
34391 HEXACHLOROBUTADIENE, TOTAL	Fresh Acute	90.	1	0	0.00				1	0	0.00						
34396 HEXACHLOROETHANE, TOTAL	Fresh Acute	980.	1	0	0.00				1	0	0.00						
34403 IDENO (1,2,3-CD) PYRENE	Drinking Water	0.4	0 &	0	0.00												
34408 ISOPHORONE, TOTAL	Fresh Acute	117000.	1	0	0.00				1	0	0.00						
34423 METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	2	0	0.00				1	0	0.00	1	0	0.00			
34447 NITROBENZENE, TOTAL	Fresh Acute	27000.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



# EPA Water Quality Criteria Analysis for Station: SAMO0023

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
34452 PARACHLOROMETA CRESOL, TOTAL	Fresh Acute	30.	1	0	0.00				1	0	0.00						
34461 PHENANTHRENE, TOTAL	Fresh Acute	30.	1	0	0.00				1	0	0.00						
34475 TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	2	0	0.00				1	0	0.00						
	Drinking Water	5.	2	0	0.00				1	0	0.00	1	0	0.00			
34501 1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	2	0	0.00				1	0	0.00	1	0	0.00			
34506 1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	2	0	0.00				1	0	0.00	1	0	0.00			
34511 1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	2	0	0.00				1	0	0.00	1	0	0.00			
34531 1,2-DICHLOROETHANE, TOTAL	Fresh Acute	118000.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	5.	2	0	0.00				1	0	0.00	1	0	0.00			
34536 1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00							1	0	0.00			
34541 1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	2	0	0.00				1	0	0.00	1	0	0.00			
34546 TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	2	0	0.00				1	0	0.00	1	0	0.00			
34551 1,2,4-TRICHLOROBENZENE, TOTAL	Drinking Water	70.	1	0	0.00				1	0	0.00						
34566 1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00							1	0	0.00			
34571 1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	1	0	0.00							1	0	0.00			
34586 2-CHLOROPHENOL, TOTAL	Fresh Acute	4380.	1	0	0.00				1	0	0.00						
34601 2,4-DICHLOROPHENOL, TOTAL	Fresh Acute	2020.	1	0	0.00				1	0	0.00						
34606 2,4-DIMETHYLPHENOL, TOTAL	Fresh Acute	2120.	1	0	0.00				1	0	0.00						
34611 2,4-DINITROTOLUENE, TOTAL	Fresh Acute	330.	1	0	0.00				1	0	0.00						
34694 PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	Fresh Acute	10200.	2	0	0.00				2	0	0.00						
34696 NAPHTHALENE, TOTAL	Fresh Acute	2300.	1	0	0.00				1	0	0.00						
39032 PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	1	0	0.00				1	0	0.00						
	Drinking Water	1.	0 &	0	0.00												
39045 2,4,5-TP INCLUDES ACIDS & SALTS WATER SA	Drinking Water	50.	1	0	0.00				1	0	0.00						
39100 BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	Fresh Acute	2000.	1	0	0.00				1	0	0.00						
	Drinking Water	6.	1	0	0.00				1	0	0.00						
39175 VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	2	0	0.00				1	0	0.00	1	0	0.00			
39180 TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	5.	2	0	0.00				1	0	0.00	1	0	0.00			
39300 P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	1	0	0.00				1	0	0.00						
39310 P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	0 &	0	0.00												
39320 P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	1	0	0.00				1	0	0.00						
39330 ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	1	0	0.00				1	0	0.00						
39340 GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	1	0	0.00				1	0	0.00						
	Drinking Water	0.2	0 &	0	0.00												
39370 DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	1	1	1.00				1	1	1.00						
39380 DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	1	0	0.00				1	0	0.00						
39390 ENDNRN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	0 &	0	0.00												
	Drinking Water	2.	1	0	0.00				1	0	0.00						
39410 HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	0 &	0	0.00												
	Drinking Water	0.4	0 &	0	0.00												
39420 HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	0 &	0	0.00												
	Drinking Water	0.2	0 &	0	0.00												
39700 HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Drinking Water	1.	0 &	0	0.00												
39700 HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	1	0	0.00				1	0	0.00						
71851 NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00				1	0	0.00						
71901 MERCURY,TOTAL RECOVERABLE IN WATER AS HG	Fresh Acute	2.4	1	0	0.00				1	0	0.00						
	Drinking Water	2.	1	0	0.00				1	0	0.00						
77093 CIS-1,2-DICHLOROETHYLENE, WHOLE WATER	Drinking Water	70.	2	0	0.00				1	0	0.00	1	0	0.00			
77128 STYRENE, WHOLE WATER	Drinking Water	100.	2	0	0.00				1	0	0.00	1	0	0.00			
77651 1,2-DIBROMOETHANE, WHOLE WATER	Drinking Water	0.05	0 &	0	0.00												

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0024

NPS Station ID: SAMO0024  
 Location: LOS ANGELES RIVER AT WILBUR AVE.  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070105  
 Major Basin: CALIFORNIA  
 Minor Basin: LOS ANGELES RIVER  
 RF1 Index: 18070105  
 RF3 Index: 18070105001207.66  
 Description:

LAT/LON: 34.188892/-118.543616

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 7.66

Agency: 21CAL-4  
 FIPS State/County: 06037 CALIFORNIA/LOS ANGELES  
 STORET Station ID(s): WB0441120183237  
 Within Park Boundary: No

Date Created: 06/06/87

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 1.60  
 Distance from RF3: 0.00

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: SAMO0024

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32101 BROMODICHLOROMETHANE,WHOLE WATER,UG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
32102 CARBON TETRACHLORIDE,WHOLE WATER,UG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
32104 BROMOFORM,WHOLE WATER,UG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
32105 DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
32106 CHLOROFORM,WHOLE WATER,UG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34010 TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34030 BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	03/24/87-03/24/87	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34301 CHLOROBENZENE TOTWUG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34311 CHLOROETHANE TOTWUG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34371 ETHYLBENZENE TOTWUG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34413 METHYL BROMIDE TOTWUG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34418 METHYL CHLORIDE TOTWUG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34423 METHYLENE CHLORIDE TOTWUG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34475 TETRACHLOROETHYLENE TOTWUG/L	03/24/87-03/24/87	1	3.7	3.7	3.7	3.7	0.	0.	**	**	**	**
34488 TRICHLOROFLUOROMETHANE TOTWUG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34496 1,1-DICHLOROETHANE TOTWUG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34501 1,1-DICHLOROETHYLENE TOTWUG/L	03/24/87-03/24/87	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34506 1,1,1-TRICHLOROETHANE TOTWUG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34511 1,1,2-TRICHLOROETHANE TOTWUG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34516 1,1,2,2-TETRACHLOROETHANE TOTWUG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34531 1,2-DICHLOROETHANE TOTWUG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34536 1,2-DICHLOROBENZENE TOTWUG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34541 1,2-DICHLOROPROPANE TOTWUG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34546 TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34566 1,3-DICHLOROBENZENE TOTWUG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34571 1,4-DICHLOROBENZENE TOTWUG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34576 2-CHLOROETHYL VINYL ETHER TOTWUG/L	03/24/87-03/24/87	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34668 DICHLORODIFLUOROMETHANE TOTWUG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34699 TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34704 CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39175 VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39180 TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
77093 CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
77128 STYRENE WHOLE WATER,UG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
77651 1,2-DIBROMOETHANE WHOLE WATER,UG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
81595 METHYL ETHYL KETONE WHL WATER SMPL UG/L	03/24/87-03/24/87	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
81596 METHYL-ISOBUTYL KETONE WHL WATER SMPL UG/L	03/24/87-03/24/87	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
81710 M-XYLENE IN THE WHOLE WATER SAMPLE MG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: SAMO0024

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
81711 O-XYLENE IN THE WHOLE WATER SAMPLE MG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0024

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
32101 BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00							1	0	0.00			
32102 CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	1	0	0.00							1	0	0.00			
	Drinking Water	5.	1	0	0.00							1	0	0.00			
32104 BROMOFORM, WHOLE WATER	Drinking Water	100.	1	0	0.00							1	0	0.00			
32105 DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00							1	0	0.00			
32106 CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	1	0	0.00							1	0	0.00			
	Drinking Water	100.	1	0	0.00							1	0	0.00			
34010 TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	1	0	0.00							1	0	0.00			
	Drinking Water	1000.	1	0	0.00							1	0	0.00			
34301 CHLOROBENZENE, TOTAL	Drinking Water	100.	1	0	0.00							1	0	0.00			
34371 ETHYLBENZENE, TOTAL	Fresh Acute	32000.	1	0	0.00							1	0	0.00			
	Drinking Water	700.	1	0	0.00							1	0	0.00			
34423 METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	1	0	0.00							1	0	0.00			
34475 TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	1	0	0.00							1	0	0.00			
	Drinking Water	5.	1	0	0.00							1	0	0.00			
34501 1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	1	0	0.00							1	0	0.00			
34506 1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	1	0	0.00							1	0	0.00			
34511 1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	1	0	0.00							1	0	0.00			
34531 1,2-DICHLOROETHANE, TOTAL	Fresh Acute	118000.	1	0	0.00							1	0	0.00			
	Drinking Water	5.	1	0	0.00							1	0	0.00			
34536 1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00							1	0	0.00			
34541 1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	1	0	0.00							1	0	0.00			
34546 TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	1	0	0.00							1	0	0.00			
34566 1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00							1	0	0.00			
34571 1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	1	0	0.00							1	0	0.00			
39175 VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	1	0	0.00							1	0	0.00			
39180 TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	1	0	0.00							1	0	0.00			
	Drinking Water	5.	1	0	0.00							1	0	0.00			
77093 CIS-1,2-DICHLOROETHYLENE, WHOLE WATER	Drinking Water	70.	1	0	0.00							1	0	0.00			
77128 STYRENE, WHOLE WATER	Drinking Water	100.	1	0	0.00							1	0	0.00			
77651 1,2-DIBROMOETHANE, WHOLE WATER	Drinking Water	0.05	0 &	0	0.00												

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0025

NPS Station ID: SAMO0025  
 Location: BROWN CR/ABOVE L.A. RIVER WITHIN CHANNEL  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070105  
 Major Basin: CALIFORNIA  
 Minor Basin: LOS ANGELES RIVER  
 RF1 Index: 18070105  
 RF3 Index: 18070105001601.20  
 Description:

LAT/LON: 34.195281/-118.578616

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 1.20

Agency: 21CAL-4  
 FIPS State/County: 06037 CALIFORNIA/LOS ANGELES  
 STORET Station ID(s): WB0441143183443  
 Within Park Boundary: No

Date Created: 05/02/87

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 1.10  
 Distance from RF3: 0.01

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: SAMO0025

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00341 COD, DISSOLVED, .25N K2CR2O7 MG/L	11/20/86-11/20/86	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	11/20/86-11/20/86	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	11/20/86-11/20/86	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/20/86-11/20/86	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	11/20/86-11/20/86	1	180.	180.	180.	180.	0.	0.	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	11/20/86-11/20/86	1	180.	180.	180.	180.	0.	0.	**	**	**	**
00445 CARBONATE ION (MG/L AS CO3)	11/20/86-11/20/86	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	11/20/86-11/20/86	1	375.	375.	375.	375.	0.	0.	**	**	**	**
00918 CALCIUM, TOTAL RECOVERABLE IN WATER AS Ca MG/L	11/20/86-11/20/86	1	80.	80.	80.	80.	0.	0.	**	**	**	**
00921 MAGNESIUM, TOTAL RECOVERABLE IN WATER AS Mg MG/L	11/20/86-11/20/86	1	43.	43.	43.	43.	0.	0.	**	**	**	**
00923 SODIUM, TOTAL RECOVERABLE IN WATER AS Na MG/L	11/20/86-11/20/86	1	99.	99.	99.	99.	0.	0.	**	**	**	**
00939 POTASSIUM, TOTAL RECOVERABLE IN WATER AS K MG/L	11/20/86-11/20/86	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	11/20/86-11/20/86	1	94.	94.	94.	94.	0.	0.	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	11/20/86-11/20/86	1	265.	265.	265.	265.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	11/20/86-11/20/86	1	0.52	0.52	0.52	0.52	0.	0.	**	**	**	**
00980 IRON, TOTAL RECOVERABLE IN WATER AS Fe UG/L	11/20/86-11/20/86	1	50.	50.	50.	50.	0.	0.	**	**	**	**
00985 VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	11/20/86-11/20/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
00999 BORON, TOTAL RECOVERABLE IN WATER AS B UG/L	11/20/86-11/20/86	1	620.	620.	620.	620.	0.	0.	**	**	**	**
01002 ARSENIC, TOTAL (UG/L AS As)	11/20/86-11/20/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01007 BARIUM, TOTAL (UG/L AS Ba)	11/20/86-11/20/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01012 BERYLLIUM, TOTAL (UG/L AS Be)	11/20/86-11/20/86	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01027 CADMIUM, TOTAL (UG/L AS Cd)	11/20/86-11/20/86	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01032 CHROMIUM, HEXAVALENT (UG/L AS Cr)	11/20/86-11/20/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01034 CHROMIUM, TOTAL (UG/L AS Cr)	11/20/86-11/20/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01037 COBALT, TOTAL (UG/L AS Co)	11/20/86-11/20/86	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
01042 COPPER, TOTAL (UG/L AS Cu)	11/20/86-11/20/86	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
01051 LEAD, TOTAL (UG/L AS Pb)	11/20/86-11/20/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01059 THALLIUM, TOTAL (UG/L AS Tl)	11/20/86-11/20/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01067 NICKEL, TOTAL (UG/L AS Ni)	11/20/86-11/20/86	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
01077 SILVER, TOTAL (UG/L AS Ag)	11/20/86-11/20/86	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01092 ZINC, TOTAL (UG/L AS Zn)	11/20/86-11/20/86	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
01097 ANTIMONY, TOTAL (UG/L AS Sb)	11/20/86-11/20/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01102 TIN, TOTAL (UG/L AS Sn)	11/20/86-11/20/86	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
01123 MANGANESE, TOTAL RECOVERABLE IN WATER AS Mn UG/L	11/20/86-11/20/86	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01147 SELENIUM, TOTAL (UG/L AS Se)	11/20/86-11/20/86	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
01291 CYANIDE, FILTERABLE, TOTAL IN WATER UG/L	11/20/86-11/20/86	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
32101 BROMODICHLOROMETHANE, WHOLE WATER, UG/L	11/20/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
32102 CARBON TETRACHLORIDE, WHOLE WATER, UG/L	11/20/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: SAMO0025

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
32104	BROMOFORM,WHOLE WATER,UG/L	11/20/86-04/14/87	2##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	11/20/86-04/14/87	2##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
32106	CHLOROFORM,WHOLE WATER,UG/L	11/20/86-04/14/87	2##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	11/20/86-04/14/87	2##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	11/20/86-04/14/87	2##	0.175	0.175	0.25	0.1	0.011	0.106	**	**	**	**
34200	ACENAPHTHYLENE TOTWUG/L	11/20/86-11/20/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34205	ACENAPHTHENE TOTWUG/L	11/20/86-11/20/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34220	ANTHRACENE TOTWUG/L	11/20/86-11/20/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	11/20/86-11/20/86	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	11/20/86-11/20/86	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34247	BENZO-A-PYRENE TOTWUG/L	11/20/86-11/20/86	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	11/20/86-11/20/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	11/20/86-11/20/86	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	11/20/86-11/20/86	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	11/20/86-11/20/86	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	11/20/86-11/20/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34301	CHLOROBENZENE TOTWUG/L	11/20/86-04/14/87	2##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34311	CHLOROETHANE TOTWUG/L	11/20/86-04/14/87	2##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34320	CHRYSENE TOTWUG/L	11/20/86-11/20/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34336	DIETHYL PHTHALATE TOTWUG/L	11/20/86-11/20/86	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34341	DIMETHYL PHTHALATE TOTWUG/L	11/20/86-11/20/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34351	ENDOSULFAN SULFATE TOTWUG/L	11/20/86-11/20/86	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34356	ENDOSULFAN, BETA TOTWUG/L	11/20/86-11/20/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34361	ENDOSULFAN, ALPHA TOTWUG/L	11/20/86-11/20/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34366	ENDRIN ALDEHYDE TOTWUG/L	11/20/86-11/20/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	11/20/86-04/14/87	2##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34376	FLUORANTHENE TOTWUG/L	11/20/86-11/20/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34381	FLUORENE TOTWUG/L	11/20/86-11/20/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	11/20/86-11/20/86	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34391	HEXACHLOROBUTADIENE TOTWUG/L	11/20/86-11/20/86	1##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34396	HEXACHLOROETHANE TOTWUG/L	11/20/86-11/20/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	11/20/86-11/20/86	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34408	ISOPHORONE TOTWUG/L	11/20/86-11/20/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34413	METHYL BROMIDE TOTWUG/L	11/20/86-04/14/87	2##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34418	METHYL CHLORIDE TOTWUG/L	11/20/86-04/14/87	2##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	11/20/86-04/14/87	2##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	11/20/86-11/20/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34433	N-NITROSODIPHENYLAMINE TOTWUG/L	11/20/86-11/20/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34447	NITROBENZENE TOTWUG/L	11/20/86-11/20/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34452	PARACHLOROMETA CRESOL TOTWUG/L	11/20/86-11/20/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34461	PHENANTHRENE TOTWUG/L	11/20/86-11/20/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34469	PYRENE TOTWUG/L	11/20/86-11/20/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	11/20/86-04/14/87	2##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	11/20/86-04/14/87	2##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34496	1,1-DICHLOROETHANE TOTWUG/L	11/20/86-04/14/87	2##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34501	1,1-DICHLOROETHYLENE TOTWUG/L	11/20/86-04/14/87	2##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	11/20/86-04/14/87	2##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	11/20/86-04/14/87	2##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	11/20/86-04/14/87	2##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34521	BENZO(GHI)PERYLENE,1,2-BENZOPERYLENE TOTWUG/L	11/20/86-11/20/86	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34526	BENZO(A)ANTHRACENE,1,2-BENZANTHRACENE TOTWUG/L	11/20/86-11/20/86	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34531	1,2-DICHLOROETHANE TOTWUG/L	11/20/86-04/14/87	2##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34536	1,2-DICHLOROBENZENE TOTWUG/L	04/14/87-04/14/87	1##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34541	1,2-DICHLOROPROPANE TOTWUG/L	11/20/86-04/14/87	2##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	11/20/86-04/14/87	2##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	11/20/86-11/20/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	11/20/86-11/20/86	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34566	1,3-DICHLOROBENZENE TOTWUG/L	04/14/87-04/14/87	1##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34571	1,4-DICHLOROBENZENE TOTWUG/L	04/14/87-04/14/87	1##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	11/20/86-04/14/87	2##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34581	2-CHLORONAPHTHALENE TOTWUG/L	11/20/86-11/20/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34586	2-CHLOROPHENOL TOTWUG/L	11/20/86-11/20/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34591	2-NITROPHENOL TOTWUG/L	11/20/86-11/20/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

# Parameter Inventory for Station: SAMO0025

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34596	DI-N-OCTYL PHTHALATE TOTWUG/L	11/20/86-11/20/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**
34601	2,4-DICHLOROPHENOL TOTWUG/L	11/20/86-11/20/86	1 ##	1.	1.	1.	0.	0.	**	**	**	**
34606	2,4-DIMETHYLPHENOL TOTWUG/L	11/20/86-11/20/86	1 ##	1.	1.	1.	0.	0.	**	**	**	**
34611	2,4-DINITROTOLUENE TOTWUG/L	11/20/86-11/20/86	1 ##	1.	1.	1.	0.	0.	**	**	**	**
34616	2,4-DINITROPHENOL TOTWUG/L	11/20/86-11/20/86	1 ##	2.5	2.5	2.5	0.	0.	**	**	**	**
34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	11/20/86-11/20/86	1 ##	1.	1.	1.	0.	0.	**	**	**	**
34626	2,6-DINITROTOLUENE TOTWUG/L	11/20/86-11/20/86	1 ##	1.	1.	1.	0.	0.	**	**	**	**
34631	3,3'-DICHLORO BENZIDINE TOTWUG/L	11/20/86-11/20/86	1 ##	5.	5.	5.	0.	0.	**	**	**	**
34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	11/20/86-11/20/86	1 ##	1.	1.	1.	0.	0.	**	**	**	**
34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	11/20/86-11/20/86	1 ##	1.	1.	1.	0.	0.	**	**	**	**
34646	4-NITROPHENOL TOTWUG/L	11/20/86-11/20/86	1 ##	1.	1.	1.	0.	0.	**	**	**	**
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	11/20/86-11/20/86	1 ##	2.5	2.5	2.5	0.	0.	**	**	**	**
34668	DICHLORODIFUOROMETHANE TOTWUG/L	11/20/86-04/14/87	2 ##	0.25	0.25	0.25	0.	0.	**	**	**	**
34671	PCB - 1016 TOTWUG/L	11/20/86-11/20/86	1 ##	15.	15.	15.	0.	0.	**	**	**	**
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	11/20/86-11/20/86	2 ##	0.75	0.75	1.	0.5	0.125	0.354	**	**	**
34696	NAPHTHALENE TOTWUG/L	11/20/86-11/20/86	1 ##	1.	1.	1.	0.	0.	**	**	**	**
34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	11/20/86-04/14/87	2 ##	0.25	0.25	0.25	0.	0.	**	**	**	**
34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	11/20/86-04/14/87	2 ##	0.25	0.25	0.25	0.	0.	**	**	**	**
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	11/20/86-11/20/86	1 ##	1.	1.	1.	0.	0.	**	**	**	**
39045	2,4,5-TP INCLUDES ACIDS & SALTS WATER SAMPL UG/L	11/20/86-11/20/86	1 ##	0.125	0.125	0.125	0.	0.	**	**	**	**
39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	11/20/86-11/20/86	1	2.	2.	2.	0.	0.	**	**	**	**
39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	11/20/86-11/20/86	1 ##	1.	1.	1.	0.	0.	**	**	**	**
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	11/20/86-11/20/86	1 ##	20.	20.	20.	0.	0.	**	**	**	**
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	11/20/86-04/14/87	2 ##	0.25	0.25	0.25	0.	0.	**	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	11/20/86-04/14/87	2	0.945	0.945	1.2	0.69	0.13	0.361	**	**	**
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	11/20/86-11/20/86	1 ##	1.	1.	1.	0.	0.	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	11/20/86-11/20/86	1 ##	1.	1.	1.	0.	0.	**	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	11/20/86-11/20/86	1 ##	1.	1.	1.	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	11/20/86-11/20/86	1 ##	1.	1.	1.	0.	0.	**	**	**	**
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	11/20/86-11/20/86	1 ##	1.	1.	1.	0.	0.	**	**	**	**
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	11/20/86-11/20/86	1 ##	1.	1.	1.	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	11/20/86-11/20/86	1 ##	1.	1.	1.	0.	0.	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	11/20/86-11/20/86	1 ##	0.125	0.125	0.125	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	11/20/86-11/20/86	1 ##	1.	1.	1.	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	11/20/86-11/20/86	1 ##	1.	1.	1.	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	11/20/86-11/20/86	1 ##	1.	1.	1.	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	11/20/86-11/20/86	1 ##	1.	1.	1.	0.	0.	**	**	**	**
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	11/20/86-11/20/86	1 ##	15.	15.	15.	0.	0.	**	**	**	**
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	11/20/86-11/20/86	1 ##	15.	15.	15.	0.	0.	**	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	11/20/86-11/20/86	1 ##	15.	15.	15.	0.	0.	**	**	**	**
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	11/20/86-11/20/86	1 ##	15.	15.	15.	0.	0.	**	**	**	**
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	11/20/86-11/20/86	1 ##	15.	15.	15.	0.	0.	**	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	11/20/86-11/20/86	1 ##	15.	15.	15.	0.	0.	**	**	**	**
39700	HEXACHLORO BENZENE IN WHOLE WATER SAMPLE (UG/L)	11/20/86-11/20/86	1 ##	1.	1.	1.	0.	0.	**	**	**	**
70304	SOLIDS, TOTAL DISSOLVED-COND. METER (MG/L)	11/20/86-11/20/86	1	747.	747.	747.	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	11/20/86-11/20/86	1	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	11/20/86-11/20/86	1	24.	24.	24.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	11/20/86-11/20/86	1 ##	0.	0.	0.	0.	0.	**	**	**	**
77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	11/20/86-04/14/87	2 ##	0.25	0.25	0.25	0.	0.	**	**	**	**
77128	STYRENE WHOLE WATER,UG/L	11/20/86-04/14/87	2 ##	0.25	0.25	0.25	0.	0.	**	**	**	**
77134	1,3-DIMETHYLBENZENE(M-XYLENE) WHOLE WATER,UG/L	11/20/86-11/20/86	1 ##	0.25	0.25	0.25	0.	0.	**	**	**	**
77135	O-XYLENE WHOLE WATER,UG/L	11/20/86-11/20/86	1 ##	0.25	0.25	0.25	0.	0.	**	**	**	**
77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	04/14/87-04/14/87	1 ##	0.25	0.25	0.25	0.	0.	**	**	**	**
81552	ACETONE WHL WATER SMPL UG/L	04/14/87-04/14/87	1	17.	17.	17.	0.	0.	**	**	**	**
81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	11/20/86-04/14/87	2 ##	2.5	2.5	2.5	0.	0.	**	**	**	**
81596	METHYL-ISOBUTYL KETONE WHL WATER SMPL UG/L	11/20/86-04/14/87	2 ##	2.5	2.5	2.5	0.	0.	**	**	**	**
81710	M-XYLENE IN THE WHOLE WATER SAMPLE MG/L	04/14/87-04/14/87	1 ##	0.25	0.25	0.25	0.	0.	**	**	**	**
81711	O-XYLENE IN THE WHOLE WATER SAMPLE MG/L	04/14/87-04/14/87	1 ##	0.25	0.25	0.25	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

# EPA Water Quality Criteria Analysis for Station: SAMO0025

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400 PH	Other-Hi Lim.	9.	1	0	0.00				1	0	0.00						
	Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00940 CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
	Drinking Water	250.	1	0	0.00				1	0	0.00						
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	1	1.00				1	1	1.00						
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00				1	0	0.00						
01002 ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00				1	0	0.00						
	Drinking Water	50.	1	0	0.00				1	0	0.00						
01007 BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00				1	0	0.00						
01012 BERYLLIUM, TOTAL	Fresh Acute	130.	1	0	0.00				1	0	0.00						
	Drinking Water	4.	1	0	0.00				1	0	0.00						
01027 CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00				1	0	0.00						
	Drinking Water	5.	1	0	0.00				1	0	0.00						
01032 CHROMIUM, HEXAVALENT	Fresh Acute	16.	1	0	0.00				1	0	0.00						
	Drinking Water	100.	1	0	0.00				1	0	0.00						
01034 CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00				1	0	0.00						
01042 COPPER, TOTAL	Fresh Acute	18.	1	0	0.00				1	0	0.00						
	Drinking Water	1300.	1	0	0.00				1	0	0.00						
01051 LEAD, TOTAL	Fresh Acute	82.	1	0	0.00				1	0	0.00						
	Drinking Water	15.	1	0	0.00				1	0	0.00						
01059 THALLIUM, TOTAL	Fresh Acute	1400.	1	0	0.00				1	0	0.00						
	Drinking Water	2.	1	0	0.00				1	0	0.00						
01067 NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00				1	0	0.00						
	Drinking Water	100.	1	0	0.00				1	0	0.00						
01077 SILVER, TOTAL	Fresh Acute	4.1	1	0	0.00				1	0	0.00						
	Drinking Water	100.	1	0	0.00				1	0	0.00						
01092 ZINC, TOTAL	Fresh Acute	120.	1	0	0.00				1	0	0.00						
	Drinking Water	5000.	1	0	0.00				1	0	0.00						
01097 ANTIMONY, TOTAL	Fresh Acute	88.	1	0	0.00				1	0	0.00						
	Drinking Water	6.	1	0	0.00				1	0	0.00						
01147 SELENIUM, TOTAL	Fresh Acute	20.	1	0	0.00				1	0	0.00						
	Drinking Water	50.	1	0	0.00				1	0	0.00						
01291 CYANIDE, FILTERABLE, TOTAL IN WATER	Fresh Acute	22.	1	0	0.00				1	0	0.00						
	Drinking Water	200.	1	0	0.00				1	0	0.00						
32101 BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	2	0	0.00				1	0	0.00	1	0	0.00			
32102 CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	5.	2	0	0.00				1	0	0.00	1	0	0.00			
32104 BROMOFORM, WHOLE WATER	Drinking Water	100.	2	0	0.00				1	0	0.00	1	0	0.00			
32105 DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	2	0	0.00				1	0	0.00	1	0	0.00			
32106 CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	100.	2	0	0.00				1	0	0.00	1	0	0.00			
34010 TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	1000.	2	0	0.00				1	0	0.00	1	0	0.00			
34205 ACENAPHTHENE, TOTAL	Fresh Acute	1700.	1	0	0.00				1	0	0.00						
34301 CHLOROBENZENE, TOTAL	Drinking Water	100.	2	0	0.00				1	0	0.00	1	0	0.00			
34356 ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	0 &	0	0.00												
34361 ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	0 &	0	0.00												
34371 ETHYLBENZENE, TOTAL	Fresh Acute	32000.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	700.	2	0	0.00				1	0	0.00	1	0	0.00			
34376 FLUORANTHENE, TOTAL	Fresh Acute	3980.	1	0	0.00				1	0	0.00						
34386 HEXACHLOROCYCLOPENTADIENE	Fresh Acute	7.	1	0	0.00				1	0	0.00						
34386 HEXACHLOROCYCLOPENTADIENE, TOTAL	Drinking Water	50.	1	0	0.00				1	0	0.00						
34391 HEXACHLOROBUTADIENE, TOTAL	Fresh Acute	90.	1	0	0.00				1	0	0.00						
34396 HEXACHLOROETHANE, TOTAL	Fresh Acute	980.	1	0	0.00				1	0	0.00						
34403 IDENO (1,2,3-CD) PYRENE	Drinking Water	0.4	0 &	0	0.00												
34408 ISOPHORONE, TOTAL	Fresh Acute	117000.	1	0	0.00				1	0	0.00						
34423 METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	2	0	0.00				1	0	0.00	1	0	0.00			
34447 NITROBENZENE, TOTAL	Fresh Acute	27000.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### EPA Water Quality Criteria Analysis for Station: SAMO0025

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
34452 PARACHLOROMETA CRESOL, TOTAL	Fresh Acute	30.	1	0	0.00				1	0	0.00						
34461 PHENANTHRENE, TOTAL	Fresh Acute	30.	1	0	0.00				1	0	0.00						
34475 TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	5.	2	0	0.00				1	0	0.00	1	0	0.00			
34501 1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	2	0	0.00				1	0	0.00	1	0	0.00			
34506 1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	2	0	0.00				1	0	0.00	1	0	0.00			
34511 1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	2	0	0.00				1	0	0.00	1	0	0.00			
34531 1,2-DICHLOROETHANE, TOTAL	Fresh Acute	118000.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	5.	2	0	0.00				1	0	0.00	1	0	0.00			
34536 1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00							1	0	0.00			
34541 1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	2	0	0.00				1	0	0.00	1	0	0.00			
34546 TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	2	0	0.00				1	0	0.00	1	0	0.00			
34551 1,2,4-TRICHLOROBENZENE, TOTAL	Drinking Water	70.	1	0	0.00				1	0	0.00						
34566 1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00							1	0	0.00			
34571 1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	1	0	0.00							1	0	0.00			
34586 2-CHLOROPHENOL, TOTAL	Fresh Acute	4380.	1	0	0.00				1	0	0.00						
34601 2,4-DICHLOROPHENOL, TOTAL	Fresh Acute	2020.	1	0	0.00				1	0	0.00						
34606 2,4-DIMETHYLPHENOL, TOTAL	Fresh Acute	2120.	1	0	0.00				1	0	0.00						
34611 2,4-DINITROTOLUENE, TOTAL	Fresh Acute	330.	1	0	0.00				1	0	0.00						
34694 PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	Fresh Acute	10200.	2	0	0.00				2	0	0.00						
34696 NAPHTHALENE, TOTAL	Fresh Acute	2300.	1	0	0.00				1	0	0.00						
39032 PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	1	0	0.00				1	0	0.00						
	Drinking Water	1.	0 &	0	0.00												
39045 2,4,5-TP INCLUDES ACIDS & SALTS WATER SA	Drinking Water	50.	1	0	0.00				1	0	0.00						
39100 BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	Fresh Acute	2000.	1	0	0.00				1	0	0.00						
	Drinking Water	6.	1	0	0.00				1	0	0.00						
39175 VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	2	0	0.00				1	0	0.00	1	0	0.00			
39180 TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	5.	2	0	0.00				1	0	0.00	1	0	0.00			
39300 P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	1	0	0.00				1	0	0.00						
39310 P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	0 &	0	0.00												
39320 P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	1	0	0.00				1	0	0.00						
39330 ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	1	0	0.00				1	0	0.00						
39340 GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	1	0	0.00				1	0	0.00						
	Drinking Water	0.2	0 &	0	0.00												
39370 DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	1	0	0.00				1	0	0.00						
39380 DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	1	0	0.00				1	0	0.00						
39390 ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	0 &	0	0.00												
	Drinking Water	2.	1	0	0.00				1	0	0.00						
39410 HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	0 &	0	0.00												
	Drinking Water	0.4	0 &	0	0.00												
39420 HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	0 &	0	0.00												
	Drinking Water	0.2	0 &	0	0.00												
39700 HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Drinking Water	1.	0 &	0	0.00												
39700 HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	1	0	0.00				1	0	0.00						
71851 NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00				1	0	0.00						
71900 MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00				1	0	0.00						
	Drinking Water	2.	1	0	0.00				1	0	0.00						
77093 CIS-1,2-DICHLOROETHYLENE, WHOLE WATER	Drinking Water	70.	2	0	0.00				1	0	0.00	1	0	0.00			
77128 STYRENE, WHOLE WATER	Drinking Water	100.	2	0	0.00				1	0	0.00	1	0	0.00			
77651 1,2-DIBROMOETHANE, WHOLE WATER	Drinking Water	0.05	0 &	0	0.00												

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



## Station Inventory for Station: SAMO0026

NPS Station ID: SAMO0026  
 Location: TOPANGA CANYON CR/1000 FT ABOVE-PAC. COAST HIWAY  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070104  
 Major Basin: CALIFORNIA  
 Minor Basin: LOS ANGELES RIVER  
 RF1 Index: 18070104  
 RF3 Index: 18070104000508.36  
 Description:

LAT/LON: 34.040837/-118.580282

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 9.32

Agency: 21CAL-4  
 FIPS State/County: 06037 CALIFORNIA/LOS ANGELES  
 STORET Station ID(s): WB0440227183449  
 Within Park Boundary: Yes

Date Created: 05/02/87

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 0.70  
 Distance from RF3: 0.07

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: SAMO0026

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
32104	BROMOFORM,WHOLE WATER,UG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
32106	CHLOROFORM,WHOLE WATER,UG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34301	CHLOROBENZENE TOTWUG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34311	CHLOROETHANE TOTWUG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34413	METHYL BROMIDE TOTWUG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34418	METHYL CHLORIDE TOTWUG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34496	1,1-DICHLOROETHANE TOTWUG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34501	1,1-DICHLOROETHYLENE TOTWUG/L	12/23/86-12/23/86	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34531	1,2-DICHLOROETHANE TOTWUG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34536	1,2-DICHLOROBENZENE TOTWUG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34541	1,2-DICHLOROPROPANE TOTWUG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34566	1,3-DICHLOROBENZENE TOTWUG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34571	1,4-DICHLOROBENZENE TOTWUG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	12/23/86-12/23/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34668	DICHLORODIFLUOROMETHANE TOTWUG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
77128	STYRENE WHOLE WATER,UG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
77134	1,3-DIMETHYLBENZENE(M-XYLENE) WHOLE WATER,UG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
77135	O-XYLENE WHOLE WATER,UG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	12/23/86-12/23/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
81596	METHYL-ISOBUTYL KETONE WHL WATER SMPL UG/L	12/23/86-12/23/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0026

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
32101 BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00				1	0	0.00						
32102 CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	1	0	0.00				1	0	0.00						
	Drinking Water	5.	1	0	0.00				1	0	0.00						
32104 BROMOFORM, WHOLE WATER	Drinking Water	100.	1	0	0.00				1	0	0.00						
32105 DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00				1	0	0.00						
32106 CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	1	0	0.00				1	0	0.00						
	Drinking Water	100.	1	0	0.00				1	0	0.00						
34010 TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	1	0	0.00				1	0	0.00						
	Drinking Water	1000.	1	0	0.00				1	0	0.00						
34301 CHLOROBENZENE, TOTAL	Drinking Water	100.	1	0	0.00				1	0	0.00						
34371 ETHYLBENZENE, TOTAL	Fresh Acute	32000.	1	0	0.00				1	0	0.00						
	Drinking Water	700.	1	0	0.00				1	0	0.00						
34423 METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	1	0	0.00				1	0	0.00						
34475 TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	1	0	0.00				1	0	0.00						
	Drinking Water	5.	1	0	0.00				1	0	0.00						
34501 1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	1	0	0.00				1	0	0.00						
34506 1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	1	0	0.00				1	0	0.00						
34511 1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	1	0	0.00				1	0	0.00						
34531 1,2-DICHLOROETHANE, TOTAL	Fresh Acute	118000.	1	0	0.00				1	0	0.00						
	Drinking Water	5.	1	0	0.00				1	0	0.00						
34536 1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00				1	0	0.00						
34541 1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	1	0	0.00				1	0	0.00						
34546 TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	1	0	0.00				1	0	0.00						
34566 1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00				1	0	0.00						
34571 1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	1	0	0.00				1	0	0.00						
39175 VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	1	0	0.00				1	0	0.00						
39180 TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	1	0	0.00				1	0	0.00						
	Drinking Water	5.	1	0	0.00				1	0	0.00						
77093 CIS-1,2-DICHLOROETHYLENE, WHOLE WATER	Drinking Water	70.	1	0	0.00				1	0	0.00						
77128 STYRENE, WHOLE WATER	Drinking Water	100.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0027

NPS Station ID: SAMO0027  
 Location: TOPANGA CANYON CHANNEL @ PCH  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC:  
 Major Basin: SANTA MONICA BAY  
 Minor Basin: TOPANGA QUADRANGLE  
 RF1 Index:  
 RF3 Index: 18070105002700.00  
 Description:

LAT/LON: 34.038892/-118.582226

Depth of Water: 999  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 0.16

Agency: 21CALAFD  
 FIPS State/County: 06037 CALIFORNIA/  
 STORET Station ID(s): TOPPAC /TG 115E4B9 1  
 Within Park Boundary: Yes

Date Created: 06/11/76

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 0.00  
 Distance from RF3: 0.01

On/Off RF1:  
 On/Off RF3:

### Parameter Inventory for Station: SAMO0027

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	05/11/88-05/02/91	39	60.	60.769	74.	42.	69.919	8.362	49.	56.	67.	71.
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/11/88-05/02/91	39	1420.	1433.487	1724.	856.	22474.677	149.916	1300.	1362.	1555.	1592.
00310 BOD, 5 DAY, 20 DEG C MG/L	07/15/88-04/03/91	15 ##	0.5	1.067	4.	0.5	1.031	1.015	0.5	0.5	2.	2.8
00403 PH, LAB, STANDARD UNITS SU	05/11/88-05/02/91	39	8.1	8.044	8.3	7.4	0.043	0.206	7.8	7.9	8.2	8.3
00403 CONVERTED PH, LAB, STANDARD UNITS	05/11/88-05/02/91	39	8.1	7.989	8.3	7.4	0.046	0.213	7.8	7.9	8.2	8.3
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/11/88-05/02/91	39	0.008	0.01	0.04	0.005	0.	0.006	0.005	0.006	0.013	0.016
00440 BICARBONATE ION (MG/L AS HCO3)	05/11/88-05/02/91	39	266.	264.41	305.	140.	884.827	29.746	237.	252.	281.	295.
00608 NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/11/88-05/02/91	38 ##	0.05	0.057	0.19	0.005	0.001	0.035	0.03	0.05	0.05	0.111
00615 NITRITE NITROGEN, TOTAL (MG/L AS N)	05/11/88-05/02/91	38 ##	0.05	0.216	0.5	0.002	0.049	0.22	0.05	0.05	0.5	0.5
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	05/11/88-05/02/91	38	0.115	0.309	4.34	0.025	0.515	0.717	0.05	0.11	0.23	0.484
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	07/15/88-04/03/91	16 ##	0.5	2.869	17.	0.5	21.228	4.607	0.5	0.5	2.85	11.47
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	05/11/88-05/02/91	39	552.	557.103	697.	334.	4712.2	68.645	491.	509.	599.	656.
00916 CALCIUM, TOTAL (MG/L AS Ca)	05/11/88-05/02/91	39	113.	119.415	186.	76.	432.816	20.804	99.5	108.	130.	149.
00927 MAGNESIUM, TOTAL (MG/L AS MG)	05/11/88-05/02/91	39	62.	62.882	79.	35.	63.78	7.986	55.	58.4	68.3	72.1
00929 SODIUM, TOTAL (MG/L AS NA)	05/11/88-05/02/91	39	108.	110.897	142.	65.	212.699	14.584	97.	101.	121.	130.
00937 POTASSIUM, TOTAL MG/L AS K)	05/11/88-05/02/91	39	5.1	6.229	44.	3.5	39.441	6.28	3.9	4.6	5.9	6.7
00940 CHLORIDE, TOTAL IN WATER MG/L	05/11/88-05/02/91	39	105.	107.359	138.	48.	234.131	15.301	96.	100.	112.	134.
00945 SULFATE, TOTAL (MG/L AS SO4)	05/11/88-05/02/91	39	348.	352.641	486.	265.	3650.815	60.422	282.	306.	406.	426.
00951 FLUORIDE, TOTAL (MG/L AS F)	05/11/88-05/02/91	39	0.75	0.766	1.3	0.49	0.032	0.179	0.51	0.64	0.88	0.98
01000 ARSENIC, DISSOLVED (UG/L AS AS)	02/09/89-02/04/90	4 ##	2.5	3.875	8.	2.5	7.563	2.75	**	**	**	**
01002 ARSENIC, TOTAL (UG/L AS AS)	05/11/88-05/02/91	37 ##	2.5	2.324	6.	1.	1.253	1.119	1.	1.25	2.5	3.
01005 BARIUM, DISSOLVED (UG/L AS BA)	02/09/89-02/04/90	4	40.	43.75	90.	5.	1222.917	34.97	**	**	**	**
01007 BARIUM, TOTAL (UG/L AS BA)	05/11/88-05/02/91	37	50.	47.973	110.	5.	404.805	20.12	30.	40.	50.	72.
01022 BORON, TOTAL (UG/L AS B)	05/11/88-05/02/91	38	500.	517.368	1000.	160.	32155.05	179.318	289.	377.5	660.	740.
01025 CADMIUM, DISSOLVED (UG/L AS CD)	02/09/89-02/04/90	4 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01027 CADMIUM, TOTAL (UG/L AS CD)	05/11/88-05/02/91	37 ##	5.	5.973	20.	5.	12.249	3.5	5.	5.	5.	6.8
01030 CHROMIUM, DISSOLVED (UG/L AS CR)	02/09/89-02/04/90	4 ##	12.5	12.5	20.	5.	41.667	6.455	**	**	**	**
01032 CHROMIUM, HEXAVALENT (UG/L AS CR)	05/11/88-05/02/91	37 ##	10.	9.73	15.	5.	6.869	2.621	5.	10.	10.	15.
01034 CHROMIUM, TOTAL (UG/L AS CR)	05/11/88-05/02/91	37 ##	10.	10.973	20.	5.	20.305	4.506	5.	5.	15.	15.
01040 COPPER, DISSOLVED (UG/L AS CU)	02/09/89-02/04/90	4 ##	5.	13.75	40.	5.	306.25	17.5	**	**	**	**
01042 COPPER, TOTAL (UG/L AS CU)	05/11/88-05/02/91	37 ##	5.	6.919	20.	5.	10.132	3.183	5.	5.	10.	10.
01045 IRON, TOTAL (UG/L AS FE)	05/11/88-12/05/91	40	65.	187.601	2600.	0.05	216203.393	464.977	1.	7.	137.5	383.
01046 IRON, DISSOLVED (UG/L AS FE)	02/09/89-02/04/90	4	120.	4070.	16000.	40.	63258000.	7953.49	**	**	**	**
01049 LEAD, DISSOLVED (UG/L AS PB)	02/09/89-02/04/90	4	10.	23.75	70.	5.	956.25	30.923	**	**	**	**
01051 LEAD, TOTAL (UG/L AS PB)	05/11/88-05/02/91	37 ##	5.	23.649	230.	5.	2173.123	46.617	5.	5.	15.	80.
01055 MANGANESE, TOTAL (UG/L AS MN)	05/11/88-05/02/91	37	10.	19.	110.	5.	545.056	23.346	5.	5.	20.	38.
01056 MANGANESE, DISSOLVED (UG/L AS MN)	02/09/89-02/04/90	4 ##	7.5	92.5	350.	5.	29475.	171.683	**	**	**	**
01065 NICKEL, DISSOLVED (UG/L AS NI)	02/09/89-02/04/90	4 ##	5.	6.25	10.	5.	6.25	2.5	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: SAMO0027

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01067	NICKEL, TOTAL (UG/L AS NI)	05/11/88-05/02/91	37 ###	5.	7.459	80.	5.	152.144	12.335	5.	5.	10.
01075	SILVER, DISSOLVED (UG/L AS AG)	02/09/89-02/04/90	4 ###	5.	5.	5.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	05/11/88-05/02/91	37 ###	5.	5.162	10.	5.	0.695	0.834	5.	5.	5.
01090	ZINC, DISSOLVED (UG/L AS ZN)	02/09/89-02/04/90	4	15.	28.75	80.	5.	1206.25	34.731	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	05/11/88-05/02/91	37	30.	32.297	100.	5.	646.659	25.429	5.	50.	70.
01145	SELENIUM, DISSOLVED (UG/L AS SE)	02/09/89-02/04/90	4 ###	2.5	2.5	2.5	2.5	0.	0.	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	05/11/88-05/02/91	37 ###	2.5	2.176	5.	1.	0.656	0.81	1.	1.25	2.5
01220	CHROMIUM, HEXAVALENT, DISSOLVED IN (UG/L AS CR)	02/09/89-02/04/90	4 ###	10.	10.	10.	10.	0.	0.	**	**	**
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	05/11/88-05/02/91	37	280.	1869.297	33000.	22.	30684379.27	5539.348	31.	81.5	4680.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	05/11/88-05/02/91	37	2.447	2.514	4.519	1.342	0.614	0.783	1.487	1.907	3.67
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			326.796							
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/11/88-05/02/91	37	9.	362.784	11000.	1.	3248968.396	1802.489	1.	3.	242.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/11/88-05/02/91	37	0.954	1.22	4.041	0.	0.92	0.959	0.	0.452	2.378
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			16.586							
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/11/88-05/02/91	37	200.	1312.243	35000.	20.	32779124.523	5725.306	50.	50.	1380.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/11/88-05/02/91	37	2.301	2.304	4.544	1.301	0.41	0.64	1.699	1.699	3.137
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			201.208							
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	03/12/91-05/02/91	3	20.	80.	210.	10.	12700.	112.694	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	03/12/91-05/02/91	3	1.301	1.541	2.322	1.	0.48	0.693	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			34.76							
34253	A-BHC-ALPHA DISSUG/L	02/09/89-02/16/91	5 ###	0.025	0.025	0.025	0.025	0.	0.	**	**	**
34352	ENDOSULFAN SULFATE DISSUG/L	02/09/89-02/04/90	4 ###	0.05	0.05	0.05	0.05	0.	0.	**	**	**
34357	ENDOSULFAN, BETA DISSUG/L	02/09/89-02/04/90	4 ###	0.05	0.05	0.05	0.05	0.	0.	**	**	**
34362	ENDOSULFAN, ALPHA DISSUG/L	02/09/89-02/04/90	4 ###	0.05	0.05	0.05	0.05	0.	0.	**	**	**
34672	PCB - 1016 DISSUG/L	02/09/89-02/04/90	4 ###	0.25	0.25	0.25	0.25	0.	0.	**	**	**
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	02/09/89-02/16/91	5 ###	0.05	0.05	0.05	0.05	0.	0.	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	02/09/89-02/16/91	5 ###	0.05	0.05	0.05	0.05	0.	0.	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	02/09/89-02/16/91	5 ###	0.025	0.025	0.025	0.025	0.	0.	**	**	**
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	02/09/89-02/16/91	5 ###	0.025	0.025	0.025	0.025	0.	0.	**	**	**
39352	CHLORDANE(TECH MIX & METABS),DISSOLVED,UG/L	02/09/89-02/16/91	5 ###	0.025	0.025	0.025	0.025	0.	0.	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	02/09/89-02/04/90	4 ###	0.05	0.05	0.05	0.05	0.	0.	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	02/09/89-02/04/90	4 ###	0.05	0.05	0.05	0.05	0.	0.	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	02/09/89-02/04/90	4 ###	0.5	0.5	0.5	0.5	0.	0.	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	02/09/89-02/04/90	4 ###	0.025	0.025	0.025	0.025	0.	0.	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	02/09/89-02/04/90	4 ###	0.025	0.025	0.025	0.025	0.	0.	**	**	**
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	02/09/89-02/04/90	4 ###	0.25	0.25	0.25	0.25	0.	0.	**	**	**
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	02/09/89-02/04/90	4 ###	0.25	0.25	0.25	0.25	0.	0.	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	02/09/89-02/04/90	4 ###	0.25	0.25	0.25	0.25	0.	0.	**	**	**
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	02/09/89-02/04/90	4 ###	0.25	0.25	0.25	0.25	0.	0.	**	**	**
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	02/09/89-02/04/90	4 ###	0.5	0.5	0.5	0.5	0.	0.	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	02/09/89-02/04/90	4 ###	0.5	0.5	0.5	0.5	0.	0.	**	**	**
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	02/09/89-02/16/91	5 ###	0.025	0.025	0.025	0.025	0.	0.	**	**	**
45501	HYDROCARBON IN WATER, FREON EXT, CHROMAT, IR MG/L	05/11/88-05/02/91	37 ###	0.5	0.516	1.05	0.1	0.055	0.234	0.1	0.5	0.9
46323	DELTA-BHC IN WHOLE WATER SMAPLE (UG/L)	02/09/89-02/16/91	5 ###	0.025	0.025	0.025	0.025	0.	0.	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/11/88-05/02/91	39	1013.	994.641	1281.	583.	16200.499	127.281	837.	924.	1164.
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/11/88-05/02/91	37	0.03	0.596	20.1	0.005	10.867	3.296	0.01	0.01	0.214
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	11/10/88-12/05/90	28 ###	0.5	0.868	6.5	0.2	1.663	1.289	0.25	0.663	2.15
71890	MERCURY, DISSOLVED (UG/L AS HG)	02/09/89-02/04/90	4 ###	0.5	0.5	0.5	0.5	0.	0.	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	05/11/88-05/02/91	37 ###	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5

\*\* - Less than 9 observations    ### - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0027

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
00403	PH, LAB	Other-Hi Lim.	9.	39	0	0.00	13	0	0.00	15	0	0.00	11	0	0.00		
		Other-Lo Lim.	6.5	39	0	0.00	13	0	0.00	15	0	0.00	11	0	0.00		
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	38	0	0.00	13	0	0.00	14	0	0.00	11	0	0.00		

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

# EPA Water Quality Criteria Analysis for Station: SAMO0027

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00620 NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	38	0	0.00	13	0	0.00	14	0	0.00	11	0	0.00			
00940 CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	39	0	0.00	13	0	0.00	15	0	0.00	11	0	0.00			
	Drinking Water	250.	39	0	0.00	13	0	0.00	15	0	0.00	11	0	0.00			
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	39	39	1.00	13	13	1.00	15	15	1.00	11	11	1.00			
00951 FLUORIDE, TOTAL AS F	Drinking Water	4.	39	0	0.00	13	0	0.00	15	0	0.00	11	0	0.00			
01000 ARSENIC, DISSOLVED	Fresh Acute	360.	4	0	0.00				3	0	0.00	1	0	0.00			
	Drinking Water	50.	4	0	0.00				3	0	0.00	1	0	0.00			
01002 ARSENIC, TOTAL	Fresh Acute	360.	37	0	0.00	13	0	0.00	13	0	0.00	11	0	0.00			
	Drinking Water	50.	37	0	0.00	13	0	0.00	13	0	0.00	11	0	0.00			
01005 BARIUM, DISSOLVED	Drinking Water	2000.	4	0	0.00				3	0	0.00	1	0	0.00			
01007 BARIUM, TOTAL	Drinking Water	2000.	37	0	0.00	13	0	0.00	13	0	0.00	11	0	0.00			
01025 CADMIUM, DISSOLVED	Fresh Acute	3.9	0 &	0	0.00												
	Drinking Water	5.	0 &	0	0.00												
01027 CADMIUM, TOTAL	Fresh Acute	3.9	2 &	2	1.00				2	2	1.00						
	Drinking Water	5.	2 &	2	1.00				2	2	1.00						
01030 CHROMIUM, DISSOLVED	Drinking Water	100.	4	0	0.00				3	0	0.00	1	0	0.00			
01032 CHROMIUM, HEXAVALENT	Fresh Acute	16.	37	0	0.00	13	0	0.00	13	0	0.00	11	0	0.00			
	Drinking Water	100.	37	0	0.00	13	0	0.00	13	0	0.00	11	0	0.00			
01034 CHROMIUM, TOTAL	Drinking Water	100.	37	0	0.00	13	0	0.00	13	0	0.00	11	0	0.00			
01040 COPPER, DISSOLVED	Fresh Acute	18.	4	1	0.25				3	1	0.33	1	0	0.00			
	Drinking Water	1300.	4	0	0.00				3	0	0.00	1	0	0.00			
01042 COPPER, TOTAL	Fresh Acute	18.	37	1	0.03	13	0	0.00	13	1	0.08	11	0	0.00			
	Drinking Water	1300.	37	0	0.00	13	0	0.00	13	0	0.00	11	0	0.00			
01049 LEAD, DISSOLVED	Fresh Acute	82.	4	0	0.00				3	0	0.00	1	0	0.00			
	Drinking Water	15.	4	1	0.25				3	0	0.00	1	1	1.00			
01051 LEAD, TOTAL	Fresh Acute	82.	37	3	0.08	13	0	0.00	13	1	0.08	11	2	0.18			
	Drinking Water	15.	37	9	0.24	13	3	0.23	13	3	0.23	11	3	0.27			
01065 NICKEL, DISSOLVED	Fresh Acute	1400.	4	0	0.00				3	0	0.00	1	0	0.00			
	Drinking Water	100.	4	0	0.00				3	0	0.00	1	0	0.00			
01067 NICKEL, TOTAL	Fresh Acute	1400.	37	0	0.00	13	0	0.00	13	0	0.00	11	0	0.00			
	Drinking Water	100.	37	0	0.00	13	0	0.00	13	0	0.00	11	0	0.00			
01075 SILVER, DISSOLVED	Fresh Acute	4.1	0 &	0	0.00												
	Drinking Water	100.	4	0	0.00				3	0	0.00	1	0	0.00			
01077 SILVER, TOTAL	Fresh Acute	4.1	0 &	0	0.00												
	Drinking Water	100.	37	0	0.00	13	0	0.00	13	0	0.00	11	0	0.00			
01090 ZINC, DISSOLVED	Fresh Acute	120.	4	0	0.00				3	0	0.00	1	0	0.00			
	Drinking Water	5000.	4	0	0.00				3	0	0.00	1	0	0.00			
01092 ZINC, TOTAL	Fresh Acute	120.	37	0	0.00	13	0	0.00	13	0	0.00	11	0	0.00			
	Drinking Water	5000.	37	0	0.00	13	0	0.00	13	0	0.00	11	0	0.00			
01145 SELENIUM, DISSOLVED	Fresh Acute	20.	4	0	0.00				3	0	0.00	1	0	0.00			
	Drinking Water	50.	4	0	0.00				3	0	0.00	1	0	0.00			
01147 SELENIUM, TOTAL	Fresh Acute	20.	37	0	0.00	13	0	0.00	13	0	0.00	11	0	0.00			
	Drinking Water	50.	37	0	0.00	13	0	0.00	13	0	0.00	11	0	0.00			
01220 CHROMIUM, HEXAVALENT, DISSOLVED	Fresh Acute	16.	4	0	0.00				3	0	0.00	1	0	0.00			
	Drinking Water	100.	4	0	0.00				3	0	0.00	1	0	0.00			
31503 COLIFORM, TOTAL, MEMBRANE FILTER, DELAY.	Other-Hi Lim.	1000.	37	8	0.22	13	4	0.31	13	4	0.31	11	0	0.00			
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	37	4	0.11	13	0	0.00	13	2	0.15	11	2	0.18			
34357 ENDOSULFAN, BETA, DISSOLVED	Fresh Acute	0.22	4	0	0.00				3	0	0.00	1	0	0.00			
34362 ENDOSULFAN, ALPHA, DISSOLVED	Fresh Acute	0.22	4	0	0.00				3	0	0.00	1	0	0.00			
39300 P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	5	0	0.00				4	0	0.00	1	0	0.00			
39310 P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	5	0	0.00				4	0	0.00	1	0	0.00			
39330 ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	5	0	0.00				4	0	0.00	1	0	0.00			
39352 CHLORDANE(TECH MIX & METABS), DISSOLVED	Fresh Acute	2.4	5	0	0.00				4	0	0.00	1	0	0.00			
	Drinking Water	2.	5	0	0.00				4	0	0.00	1	0	0.00			
39380 DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	4	0	0.00				3	0	0.00	1	0	0.00			
39390 ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	4	0	0.00				3	0	0.00	1	0	0.00			
	Drinking Water	2.	4	0	0.00				3	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### EPA Water Quality Criteria Analysis for Station: SAMO0027

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	4	0	0.00			3	0	0.00	1	0	0.00			
		Drinking Water	3.	4	0	0.00			3	0	0.00	1	0	0.00			
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	4	0	0.00			3	0	0.00	1	0	0.00			
		Drinking Water	0.4	4	0	0.00			3	0	0.00	1	0	0.00			
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	4	0	0.00			3	0	0.00	1	0	0.00			
		Drinking Water	0.2	4	0	0.00			3	0	0.00	1	0	0.00			
39782	LINDANE IN WHOLE WATER SAMPLE	Fresh Acute	2.	5	0	0.00			4	0	0.00	1	0	0.00			
		Drinking Water	0.2	5	0	0.00			4	0	0.00	1	0	0.00			
71850	NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	28	0	0.00	8	0	0.00	13	0	0.00	7	0	0.00		
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	4	0	0.00			3	0	0.00	1	0	0.00			
		Drinking Water	2.	4	0	0.00			3	0	0.00	1	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	37	0	0.00	13	0	0.00	13	0	0.00	11	0	0.00		
		Drinking Water	2.	37	0	0.00	13	0	0.00	13	0	0.00	11	0	0.00		

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0028

NPS Station ID: SAMO0028  
 Location: TOPANGA CYN CREEK @ F54B-R  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070104  
 Major Basin: SANTA MONICA BAY  
 Minor Basin: TOPANGA QUADRANGLE  
 RF1 Index: 18070104  
 RF3 Index: 18070104000600.00  
 Description:

LAT/LON: 34.064448/-118.586116

Depth of Water: 999  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 0.00

Agency: 21CALAFD  
 FIPS State/County: 06037 CALIFORNIA/LOS ANGELES  
 STORET Station ID(s): TOPCAN /Z5215000 /TG 115D2G0 1  
 Within Park Boundary: Yes

Date Created: / /

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 0.00  
 Distance from RF3: 0.06

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: SAMO0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/07/71-11/16/79	105	12.8	12.629	22.2	3.3	15.516	3.939	7.	10.	15.6	17.32
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/07/71-03/21/84	155	55.	55.661	73.	38.	50.831	7.13	46.	50.	61.	64.
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/06/73-02/12/78	16	53.5	342.688	3400.	6.	699767.829	836.521	8.8	27.75	280.75	1508.6
00064	DEPTH OF STREAM, MEAN (FT)	01/06/73-02/12/78	17	5.4	5.659	8.5	3.2	2.656	1.63	3.68	4.3	6.95	8.26
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/04/71-03/21/84	189	1420.	1289.926	2140.	290.	167919.984	409.78	570.	1125.	1555.	1700.
00300	OXYGEN, DISSOLVED MG/L	08/04/71-03/21/84	146	8.4	8.48	12.5	3.3	3.323	1.823	6.1	7.2	9.8	10.83
00310	BOD, 5 DAY, 20 DEG C MG/L	08/04/71-03/21/84	166	2.	4.06	40.	0.	30.351	5.509	1.	1.	4.	9.
00340	COD, .25N K2CR2O7 MG/L	08/04/71-03/21/84	154	16.	30.494	420.	0.1	2723.702	52.189	4.5	8.	28.	75.5
00403	PH, LAB, STANDARD UNITS SU	08/04/71-03/21/84	175	8.1	8.034	8.9	6.5	0.128	0.357	7.6	7.9	8.3	8.4
00403	CONVERTED PH, LAB, STANDARD UNITS	08/04/71-03/21/84	175	8.1	7.801	8.9	6.5	0.182	0.427	7.6	7.9	8.3	8.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/71-03/21/84	175	0.008	0.016	0.316	0.001	0.001	0.035	0.004	0.005	0.013	0.025
00440	BICARBONATE ION (MG/L AS HCO3)	08/04/71-03/21/84	166	315.	284.777	390.	72.	5861.253	76.559	154.9	249.25	340.	355.3
00445	CARBONATE ION (MG/L AS CO3)	08/04/71-04/17/79	83	0.	1.904	45.	0.	49.576	7.041	0.	0.	0.	3.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/11/72-01/24/83	20	1120.	1393.75	4710.	17.	2131540.303	1459.98	45.7	173.	1950.	4135.6
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/09/80-01/24/83	11	180.	191.364	420.	8.	22726.855	150.754	11.2	40.	350.	409.6
00547	RESIDUE, TOTAL NON-SETTLEABLE (MG/L)	11/11/72-03/27/79	18	402.	723.833	2540.	4.	662241.912	813.782	15.7	110.75	1242.5	2288.
00549	RESIDUE, VOLATILE NONSETTLEABLE (MG/L)	12/29/77-03/27/79	7	76.	110.429	360.	8.	14593.286	120.803	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/18/79-03/21/84	53	0.05	0.193	1.56	0.005	0.144	0.379	0.005	0.01	0.1	0.772
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/04/71-11/16/79	114	0.	0.067	1.4	0.	0.034	0.185	0.	0.	0.04	0.135
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/17/79-03/21/84	46 ##	0.005	0.016	0.06	0.005	0.	0.016	0.005	0.005	0.02	0.043
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/04/71-03/21/84	161	0.115	0.897	21.37	0.	4.072	2.018	0.	0.	1.35	2.454
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/18/79-01/22/80	4 ##	0.115	0.305	0.94	0.05	0.18	0.425	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/80-03/21/84	45	5.	14.733	143.	2.	644.896	25.395	2.86	4.1	11.95	42.68
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	12/27/77-03/17/82	18 ##	0.025	0.294	5.	0.005	1.379	1.175	0.005	0.005	0.025	0.523
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	08/04/71-03/21/84	151	536.	518.079	964.	135.	23439.087	153.098	280.4	462.	613.	690.4
00916	CALCIUM, TOTAL (MG/L AS Ca)	08/04/71-03/21/84	151	115.	116.521	226.	31.	1323.738	36.383	66.4	100.	136.	159.
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/04/71-03/21/84	151	60.1	55.756	117.	6.6	344.705	18.566	25.36	49.	68.	73.88
00929	SODIUM, TOTAL (MG/L AS Na)	08/04/71-03/21/84	152	112.	106.568	200.	14.	1292.443	35.951	50.9	88.	127.	151.4
00937	POTASSIUM, TOTAL MG/L AS K)	08/04/71-03/21/84	152	4.4	5.151	39.5	0.6	12.348	3.514	3.8	4.	5.1	6.97
00940	CHLORIDE, TOTAL IN WATER MG/L	08/04/71-03/21/84	166	99.5	96.199	600.	8.	2579.821	50.792	43.4	79.	110.	129.
00945	SULFATE, TOTAL (MG/L AS SO4)	08/04/71-03/21/84	167	374.	367.521	638.	52.	15469.841	124.378	175.2	318.	460.	517.6
00951	FLUORIDE, TOTAL (MG/L AS F)	04/03/72-03/21/84	35	0.49	0.532	1.7	0.	0.121	0.347	0.088	0.34	0.66	1.04
01000	ARSENIC, DISSOLVED (UG/L AS AS)	01/09/80-03/06/80	3	10.	8.167	13.	1.5	35.583	5.965	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	12/01/73-11/10/82	20	5.5	49.025	396.	0.5	13367.96	115.62	1.1	2.	14.5	334.8
01005	BARIUM, DISSOLVED (UG/L AS BA)	01/09/80-03/06/80	3	290.	731.667	1800.	105.	864558.333	929.816	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	12/01/73-03/21/84	49	80.	342.959	4200.	19.	522061.04	722.538	40.	50.	209.	1520.
01022	BORON, TOTAL (UG/L AS B)	12/27/77-01/24/83	21	200.	227.631	760.	0.05	40473.359	201.18	10.16	75.	285.	598.
01025	CADMIUM, DISSOLVED (UG/L AS CD)	01/09/80-03/06/80	3 ##	2.5	11.	29.	1.5	243.25	15.596	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: SAMO0028

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01027	CADMIUM, TOTAL (UG/L AS CD)	12/01/73-03/21/84	54 ##	1.	5.009	24.	0.5	39.127	6.255	0.5	8.5	15.
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	01/09/80-03/06/80	3 ##	25.	288.5	838.	2.5	226589.25	476.014	**	**	**
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	12/27/77-03/21/84	47 ##	5.	16.351	159.	0.005	559.365	23.651	2.5	25.	25.
01034	CHROMIUM, TOTAL (UG/L AS CR)	12/01/73-03/21/84	54 ##	7.5	55.546	672.	2.5	16238.267	127.429	5.	36.5	152.5
01040	COPPER, DISSOLVED (UG/L AS CU)	01/09/80-03/06/80	3	125.	111.333	163.	46.	3562.333	59.685	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	12/01/73-03/21/84	54 ##	10.	32.667	240.	5.	2596.943	50.96	5.	40.	101.5
01045	IRON, TOTAL (UG/L AS FE)	01/04/74-03/21/84	89	220.	6342.056	137000.	10.	324790537.076	18021.946	30.	1920.	21800.
01046	IRON, DISSOLVED (UG/L AS FE)	03/06/80-03/06/80	1	100000.	100000.	100000.	100000.	0.	0.	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	01/09/80-03/06/80	3	120.	121.	153.	90.	993.	31.512	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	12/01/73-03/21/84	53 ##	11.	33.774	400.	5.	4307.794	65.634	5.	25.5	76.
01055	MANGANESE, TOTAL (UG/L AS MN)	12/01/73-03/21/84	91	69.4	362.851	5720.	0.	760011.433	871.786	10.	270.	832.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	01/09/80-03/06/80	3	2310.	2776.667	4300.	1720.	1827433.333	1351.826	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	01/09/80-03/06/80	3	188.	188.667	253.	125.	4096.333	64.003	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	12/01/73-03/21/84	53	15.	60.075	538.	5.	13774.456	117.365	5.	50.	215.6
01075	SILVER, DISSOLVED (UG/L AS AG)	01/09/80-03/06/80	3	6.	11.	25.	2.	151.	12.288	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	12/01/73-03/21/84	53 ##	5.	5.038	10.	0.5	10.018	3.165	0.5	2.75	10.
01090	ZINC, DISSOLVED (UG/L AS ZN)	01/09/80-03/06/80	3	230.	2712.333	7900.	7.	20196346.333	4494.035	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	12/01/73-03/21/84	53	50.	105.925	850.	3.5	21455.196	146.476	3.5	136.5	228.4
01145	SELENIUM, DISSOLVED (UG/L AS SE)	01/09/80-03/06/80	3 ##	5.	31.667	85.	5.	2133.333	46.188	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	12/01/73-01/28/81	19	3.	12.7	155.	0.2	1252.92	35.397	0.2	6.	37.
01220	CHROMIUM, HEXAVALENT, DISSOLVED IN (UG/L AS CR)	01/09/80-03/06/80	3	90.	128.333	285.	10.	20008.333	141.451	**	**	**
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	08/04/71-03/21/84	166	2450.	23434.94	600000.	10.	5411838090.602	73565.196	214.	8000.	43800.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	08/04/71-03/21/84	166	3.389	3.42	5.778	1.	0.796	0.892	2.33	3.903	4.641
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	08/04/71-03/21/84	162	40.	4370.404	140000.	1.	323617848.865	17989.382	3.	650.	7350.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/04/71-03/21/84	162	1.602	2.003	5.146	0.	1.509	1.229	0.477	2.809	3.866
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/04/71-03/21/84	162	1.602	2.003	5.146	0.	1.509	1.229	0.477	2.809	3.866
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/04/71-03/21/84	167	700.	36695.299	1840000.	5.28708864219.488	169436.903	50.	100.	5000.	85200.
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/04/71-03/21/84	167	2.845	3.012	6.265	0.699	1.281	1.132	1.699	3.699	4.93
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/04/71-03/21/84	167	2.845	3.012	6.265	0.699	1.281	1.132	1.699	3.699	4.93
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/04/71-03/21/84	167	2.845	3.012	6.265	0.699	1.281	1.132	1.699	3.699	4.93
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	12/01/73-05/16/77	7 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
39340	GAMMA-BHC(LINDANE), WHOLE WATER, UG/L	12/01/73-05/16/77	7 ##	0.005	0.013	0.03	0.005	0.	0.012	**	**	**
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	12/01/73-05/16/77	7 ##	0.01	0.009	0.01	0.005	0.	0.002	**	**	**
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	12/01/73-05/16/77	7 ##	0.01	0.02	0.08	0.01	0.001	0.026	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	12/01/73-05/16/77	7 ##	0.01	0.051	0.25	0.005	0.008	0.089	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	12/01/73-05/16/77	7 ##	0.005	0.006	0.01	0.005	0.	0.002	**	**	**
39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	12/01/73-05/16/77	7 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	12/01/73-05/16/77	7 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	12/01/73-05/16/77	7 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	12/01/73-05/16/77	7 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	12/01/73-05/16/77	7 ##	0.005	0.006	0.01	0.005	0.	0.002	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	12/01/73-05/16/77	7 ##	0.005	0.006	0.01	0.005	0.	0.002	**	**	**
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	12/01/73-05/16/77	7 ##	0.005	0.006	0.01	0.005	0.	0.002	**	**	**
39780	DICOFOL IN WHOLE WATER SAMPLE (UG/L)	12/01/73-05/16/77	7 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	12/01/73-05/16/77	7	0.01	0.009	0.02	0.005	0.	0.005	**	**	**
70295	RESIDUE,TOTAL FILTRABLE (DRIED AT ANY TEMP),MG/L	12/27/77-03/27/79	10	546.	545.2	872.	271.	50447.511	224.605	273.1	320.5	870.8
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/15/77-03/21/84	83	1012.	1013.133	1452.	210.	69950.458	264.481	600.4	1212.	1328.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/04/71-04/17/79	76	1097.5	1068.711	1450.	292.	44337.648	210.565	781.8	1040.5	1260.8
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/04/71-03/21/84	155	0.04	0.109	2.35	0.	0.074	0.273	0.005	0.09	0.204
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	08/04/71-03/06/80	114	0.25	3.835	31.4	0.	41.324	6.428	0.	6.15	12.25
71890	MERCURY, DISSOLVED (UG/L AS HG)	01/09/80-03/06/80	3	1.	3.683	10.	0.05	30.151	5.491	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	08/04/71-03/21/84	151 ##	0.5	1.888	40.	0.	17.772	4.216	0.05	2.5	5.

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot



# EPA Water Quality Criteria Analysis for Station: SAMO0028

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	146	1	0.01	59	0	0.00	56	1	0.02	31	0	0.00			
00403 PH, LAB	Other-Hi Lim.	9.	175	0	0.00	61	0	0.00	78	0	0.00	36	0	0.00			
	Other-Lo Lim.	6.5	175	2	0.01	61	0	0.00	78	2	0.03	36	0	0.00			
00615 NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	46	0	0.00	17	0	0.00	18	0	0.00	11	0	0.00			
00620 NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	161	1	0.01	59	1	0.02	67	0	0.00	35	0	0.00			
00630 NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	0	0.00	1	0	0.00	3	0	0.00						
00720 CYANIDE, TOTAL	Fresh Acute	0.022	7 &	0	0.00				3	0	0.00	4	0	0.00			
	Drinking Water	0.2	17 &	0	0.00				12	0	0.00	5	0	0.00			
00940 CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	166	0	0.00	59	0	0.00	70	0	0.00	37	0	0.00			
	Drinking Water	250.	166	1	0.01	59	0	0.00	70	1	0.01	37	0	0.00			
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	167	142	0.85	60	59	0.98	70	51	0.73	37	32	0.86			
00951 FLUORIDE, TOTAL AS F	Drinking Water	4.	35	0	0.00	4	0	0.00	21	0	0.00	10	0	0.00			
01000 ARSENIC, DISSOLVED	Fresh Acute	360.	3	0	0.00				2	0	0.00	1	0	0.00			
	Drinking Water	50.	3	0	0.00				2	0	0.00	1	0	0.00			
01002 ARSENIC, TOTAL	Fresh Acute	360.	20	1	0.05	1	0	0.00	16	1	0.06	3	0	0.00			
	Drinking Water	50.	20	3	0.15	1	0	0.00	16	3	0.19	3	0	0.00			
01005 BARIUM, DISSOLVED	Drinking Water	2000.	3	0	0.00				2	0	0.00	1	0	0.00			
01007 BARIUM, TOTAL	Drinking Water	2000.	49	1	0.02	14	0	0.00	24	0	0.00	11	1	0.09			
01025 CADMIUM, DISSOLVED	Fresh Acute	3.9	3	1	0.33				2	1	0.50	1	0	0.00			
	Drinking Water	5.	3	1	0.33				2	1	0.50	1	0	0.00			
01027 CADMIUM, TOTAL	Fresh Acute	3.9	43 &	10	0.23	14	1	0.07	18	5	0.28	11	4	0.36			
	Drinking Water	5.	43 &	9	0.21	14	1	0.07	18	5	0.28	11	3	0.27			
01030 CHROMIUM, DISSOLVED	Drinking Water	100.	3	1	0.33				2	0	0.00	1	1	1.00			
01032 CHROMIUM, HEXAVALENT	Fresh Acute	16.	27 &	1	0.04	6	1	0.17	17	0	0.00	4	0	0.00			
	Drinking Water	100.	47	1	0.02	13	1	0.08	24	0	0.00	10	0	0.00			
01034 CHROMIUM, TOTAL	Drinking Water	100.	54	8	0.15	14	1	0.07	28	5	0.18	12	2	0.17			
01040 COPPER, DISSOLVED	Fresh Acute	18.	2 &	2	1.00				1	1	1.00	1	1	1.00			
	Drinking Water	1300.	3	0	0.00				2	0	0.00	1	0	0.00			
01042 COPPER, TOTAL	Fresh Acute	18.	54	20	0.37	14	3	0.21	28	12	0.43	12	5	0.42			
	Drinking Water	1300.	54	0	0.00	14	0	0.00	28	0	0.00	12	0	0.00			
01049 LEAD, DISSOLVED	Fresh Acute	82.	3	3	1.00				2	2	1.00	1	1	1.00			
	Drinking Water	15.	3	3	1.00				2	2	1.00	1	1	1.00			
01051 LEAD, TOTAL	Fresh Acute	82.	53	4	0.08	14	0	0.00	28	3	0.11	11	1	0.09			
	Drinking Water	15.	43 &	14	0.33	14	1	0.07	19	9	0.47	10	4	0.40			
01065 NICKEL, DISSOLVED	Fresh Acute	1400.	3	0	0.00				2	0	0.00	1	0	0.00			
	Drinking Water	100.	2 &	2	1.00				1	1	1.00	1	1	1.00			
01067 NICKEL, TOTAL	Fresh Acute	1400.	53	0	0.00	14	0	0.00	28	0	0.00	11	0	0.00			
	Drinking Water	100.	53	8	0.15	14	0	0.00	28	6	0.21	11	2	0.18			
01075 SILVER, DISSOLVED	Fresh Acute	4.1	2 &	1	0.50				1	0	0.00	1	1	1.00			
	Drinking Water	100.	3	0	0.00				2	0	0.00	1	0	0.00			
01077 SILVER, TOTAL	Fresh Acute	4.1	21 &	4	0.19	8	1	0.13	8	2	0.25	5	1	0.20			
	Drinking Water	100.	53	0	0.00	14	0	0.00	28	0	0.00	11	0	0.00			
01090 ZINC, DISSOLVED	Fresh Acute	120.	3	2	0.67				2	1	0.50	1	1	1.00			
	Drinking Water	5000.	3	1	0.33				2	1	0.50	1	0	0.00			
01092 ZINC, TOTAL	Fresh Acute	120.	53	15	0.28	14	1	0.07	28	11	0.39	11	3	0.27			
	Drinking Water	5000.	53	0	0.00	14	0	0.00	28	0	0.00	11	0	0.00			
01145 SELENIUM, DISSOLVED	Fresh Acute	20.	3	1	0.33				2	0	0.00	1	1	1.00			
	Drinking Water	50.	3	1	0.33				2	0	0.00	1	1	1.00			
01147 SELENIUM, TOTAL	Fresh Acute	20.	19	2	0.11	1	0	0.00	15	2	0.13	3	0	0.00			
	Drinking Water	50.	19	1	0.05	1	0	0.00	15	1	0.07	3	0	0.00			
01220 CHROMIUM, HEXAVALENT, DISSOLVED	Fresh Acute	16.	3	2	0.67				2	1	0.50	1	1	1.00			
	Drinking Water	100.	3	1	0.33				2	1	0.50	1	0	0.00			
31503 COLIFORM, TOTAL, MEMBRANE FILTER, DELAY.	Other-Hi Lim.	1000.	164 &	109	0.66	58	34	0.59	69	49	0.71	37	26	0.70			
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	162	63	0.39	57	13	0.23	69	34	0.49	36	16	0.44			
39330 ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	7	0	0.00	1	0	0.00	4	0	0.00	2	0	0.00			
39340 GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	7	0	0.00	1	0	0.00	4	0	0.00	2	0	0.00			
	Drinking Water	0.2	7	0	0.00	1	0	0.00	4	0	0.00	2	0	0.00			
39360 DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	7	0	0.00	1	0	0.00	4	0	0.00	2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### EPA Water Quality Criteria Analysis for Station: SAMO0028

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
39365	DDE IN WHOLE WATER SAMPLE	1050.	7	0	0.00	1	0	0.00	4	0	0.00	2	0	0.00			
39370	DDT IN WHOLE WATER SAMPLE	1.1	7	0	0.00	1	0	0.00	4	0	0.00	2	0	0.00			
39380	DIELDIN IN WHOLE WATER SAMPLE	2.5	7	0	0.00	1	0	0.00	4	0	0.00	2	0	0.00			
39388	ENDOSULFAN IN WHOLE WATER SAMPLE	0.22	7	0	0.00	1	0	0.00	4	0	0.00	2	0	0.00			
39390	ENDRIN IN WHOLE WATER SAMPLE	0.18	7	0	0.00	1	0	0.00	4	0	0.00	2	0	0.00			
	Drinking Water	2.	7	0	0.00	1	0	0.00	4	0	0.00	2	0	0.00			
39400	TOXAPHENE IN WHOLE WATER SAMPLE	0.73	7	0	0.00	1	0	0.00	4	0	0.00	2	0	0.00			
	Drinking Water	3.	7	0	0.00	1	0	0.00	4	0	0.00	2	0	0.00			
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	0.52	7	0	0.00	1	0	0.00	4	0	0.00	2	0	0.00			
	Drinking Water	0.4	7	0	0.00	1	0	0.00	4	0	0.00	2	0	0.00			
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	0.52	7	0	0.00	1	0	0.00	4	0	0.00	2	0	0.00			
	Drinking Water	0.2	7	0	0.00	1	0	0.00	4	0	0.00	2	0	0.00			
39782	LINDANE IN WHOLE WATER SAMPLE	2.	7	0	0.00	1	0	0.00	4	0	0.00	2	0	0.00			
	Drinking Water	0.2	7	0	0.00	1	0	0.00	4	0	0.00	2	0	0.00			
71850	NITRATE NITROGEN, TOTAL (AS NO3)	44.	114	0	0.00	41	0	0.00	48	0	0.00	25	0	0.00			
71890	MERCURY, DISSOLVED	2.4	3	1	0.33				2	0	0.00	1	1	1.00			
	Drinking Water	2.	3	1	0.33				2	0	0.00	1	1	1.00			
71900	MERCURY, TOTAL	2.4	117 &	6	0.05	47	4	0.09	44	2	0.05	26	0	0.00			
	Drinking Water	2.	117 &	6	0.05	47	4	0.09	44	2	0.05	26	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### Annual Analysis for 1971 - Station SAMO0028

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/07/71-11/16/79	1	6.1	6.1	6.1	6.1	0.	0.	**	**	**
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/07/71-03/21/84	1	43.	43.	43.	43.	0.	0.	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/04/71-03/21/84	3	1470.	1453.333	1480.	1410.	1433.333	37.859	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	08/04/71-03/21/84	3	6.8	7.933	10.6	6.4	5.373	2.318	**	**	**
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/04/71-03/21/84	3	6.	6.667	9.	5.	4.333	2.082	**	**	**
00340p	COD, .25N K2CR2O7 MG/L	08/04/71-03/21/84	3	2.	2.367	5.	0.1	6.103	2.47	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	08/04/71-03/21/84	3	7.3	7.467	7.9	7.2	0.143	0.379	**	**	**
00403p	CONVERTED PH, LAB, STANDARD UNITS	08/04/71-03/21/84	3	7.3	7.377	7.9	7.2	0.155	0.394	**	**	**
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/71-03/21/84	3	0.05	0.042	0.063	0.013	0.001	0.026	**	**	**
00440p	BICARBONATE ION (MG/L AS HCO3)	08/04/71-03/21/84	3	274.	274.333	280.	269.	30.333	5.508	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/04/71-04/17/79	3	0.	0.	0.	0.	0.	0.	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/04/71-11/16/79	3	0.	0.	0.	0.	0.	0.	**	**	**
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/04/71-03/21/84	3	0.	0.	0.	0.	0.	0.	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	08/04/71-03/21/84	3	490.	527.	615.	476.	5857.	76.531	**	**	**
00916	CALCIUM, TOTAL (MG/L AS Ca)	08/04/71-03/21/84	3	111.	118.667	138.	107.	284.333	16.862	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/04/71-03/21/84	3	51.	55.667	66.	50.	80.333	8.963	**	**	**
00929	SODIUM, TOTAL (MG/L AS Na)	08/04/71-03/21/84	3	141.	140.667	141.	140.	0.333	0.577	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	08/04/71-03/21/84	3	4.	4.667	6.	4.	1.333	1.155	**	**	**
00940p	CHLORIDE, TOTAL IN WATER MG/L	08/04/71-03/21/84	3	115.	115.333	117.	114.	2.333	1.528	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	08/04/71-03/21/84	3	390.	436.667	540.	380.	8033.333	89.629	**	**	**
31503p	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	08/04/71-03/21/84	3	4200.	4000.	6000.	1800.	4440000.	2107.131	**	**	**
31503p	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	08/04/71-03/21/84	3	3.623	3.552	3.778	3.255	0.072	0.269	**	**	**
31503p	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	08/04/71-03/21/84	3		3566.353							
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/04/71-03/21/84	3	80.	476.667	1300.	50.	508633.333	713.185	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/04/71-03/21/84	3	1.903	2.239	3.114	1.699	0.585	0.765	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/04/71-03/21/84	3		173.248							
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/04/71-03/21/84	3	400.	600.	1300.	100.	390000.	624.5	**	**	**
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/04/71-03/21/84	3	2.602	2.572	3.114	2.	0.311	0.558	**	**	**
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/04/71-03/21/84	3		373.251							
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/04/71-04/17/79	3	1080.	1147.	1286.	1075.	14497.	120.403	**	**	**
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/04/71-03/21/84	3	0.07	0.08	0.1	0.07	0.	0.017	**	**	**
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	08/04/71-03/06/80	3	0.	0.	0.	0.	0.	0.	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	08/04/71-03/21/84	3	20.	21.667	40.	5.	308.333	17.559	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1972 - Station SAMO0028

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/07/71-11/16/79	13	12.2	11.569	17.2	3.3	18.127	4.258	3.54	9.7	17.2
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/07/71-03/21/84	13	54.	52.846	63.	38.	58.641	7.658	38.4	49.5	63.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/04/71-03/21/84	15	1570.	1502.4	1770.	906.	54774.971	234.041	1076.4	1450.	1734.
00300p	OXYGEN, DISSOLVED MG/L	08/04/71-03/21/84	14	8.9	9.157	12.5	6.9	2.621	1.619	7.15	7.95	12.35
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/04/71-03/21/84	15	3.	5.267	21.	1.	35.067	5.922	1.	2.	18.6
00340p	COD, .25N K2CR2O7 MG/L	08/04/71-03/21/84	12	6.5	8.25	32.	1.	64.932	8.058	1.3	4.	25.7
00403p	PH, LAB, STANDARD UNITS SU	08/04/71-03/21/84	15	8.2	8.173	8.3	7.7	0.028	0.167	7.88	8.1	8.3
00403p	CONVERTED PH, LAB, STANDARD UNITS	08/04/71-03/21/84	15	8.2	8.137	8.3	7.7	0.029	0.171	7.88	8.1	8.3
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/71-03/21/84	15	0.006	0.007	0.02	0.005	0.	0.004	0.005	0.005	0.014
00440p	BICARBONATE ION (MG/L AS HCO3)	08/04/71-03/21/84	15	311.	288.867	330.	157.	2720.981	52.163	183.4	276.	327.
00445	CARBONATE ION (MG/L AS CO3)	08/04/71-04/17/79	15	0.	0.	0.	0.	0.	0.	0.	0.	0.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/04/71-11/16/79	15	0.	0.	0.	0.	0.	0.	0.	0.	0.
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/04/71-03/21/84	15	0.	0.5	2.82	0.	1.102	1.05	0.	0.	2.754
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	08/04/71-03/21/84	15	478.	473.133	597.	244.	10121.552	100.606	292.6	453.	585.
00916	CALCIUM, TOTAL (MG/L AS Ca)	08/04/71-03/21/84	15	107.	107.733	136.	59.	493.495	22.215	69.8	100.	135.4
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/04/71-03/21/84	15	51.	49.4	62.	23.	130.543	11.426	28.4	48.	62.
00929	SODIUM, TOTAL (MG/L AS Na)	08/04/71-03/21/84	15	164.	155.067	169.	108.	335.495	18.317	122.4	137.	167.8
00937	POTASSIUM, TOTAL MG/L AS K)	08/04/71-03/21/84	15	4.	4.133	7.	3.	0.981	0.99	3.	4.	5.8

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### Annual Analysis for 1972 - Station SAMO0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00940p	CHLORIDE, TOTAL IN WATER MG/L	08/04/71-03/21/84	15	116.	112.533	129.	71.	221.695	14.889	86.	108.	123.	128.4
00945p	SULFATE, TOTAL (MG/L AS SO4)	08/04/71-03/21/84	15	417.	411.2	517.	233.	6476.457	80.476	275.6	388.	485.	512.2
31503p	COLIFORM, TOT, MEMBR FILTER, DELAYED, M-ENDO MED, 35 C	08/04/71-03/21/84	15	2600.	28810.	265000.	480.	5436818414.286	73734.784	552.	800.	5000.	187000.
31503p	LOG COLIFORM, TOT, MEMBR FILTER, DELAYED, M-ENDO MED, 3	08/04/71-03/21/84	15	3.415	3.536	5.423	2.681	0.618	0.786	2.739	2.903	3.699	5.247
31503p	GM COLIFORM, TOT, MEMBR FILTER, DELAYED, M-ENDO MED, 35	08/04/71-03/21/84	15		3439.526								
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	08/04/71-03/21/84	15	15.	2696.	32500.	5.	71181872.143	8436.935	5.	5.	400.	17200.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	08/04/71-03/21/84	15	1.176	1.653	4.512	0.699	1.429	1.195	0.699	0.699	2.602	4.112
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	08/04/71-03/21/84	15		44.932								
31673p	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	08/04/71-03/21/84	15	900.	31204.333	301000.	5.	6960553310.238	83429.931	8.	200.	2300.	208000.
31673p	LOG FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	08/04/71-03/21/84	15	2.954	2.973	5.479	0.699	1.7	1.304	0.88	2.301	3.362	5.29
31673p	GM FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	08/04/71-03/21/84	15		940.469								
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/04/71-04/17/79	15	1180.	1131.667	1330.	665.	33938.667	184.225	788.6	1128.	1250.	1312.6
70507p	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/04/71-03/21/84	12	0.03	0.035	0.1	0.	0.001	0.031	0.	0.008	0.06	0.091
71850	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	08/04/71-03/06/80	15	0.	2.213	12.5	0.	21.604	4.648	0.	0.	0.	12.2
71900	MERCURY, TOTAL (UG/L AS HG)	08/04/71-03/21/84	12 ##	5.	6.25	20.	5.	18.75	4.33	5.	5.	5.	15.5

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1973 - Station SAMO0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/07/71-11/16/79	14	12.75	12.543	16.7	6.1	12.078	3.475	6.95	9.725	16.1	16.7
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/07/71-03/21/84	14	55.	54.571	62.	43.	39.033	6.248	44.5	49.5	61.	62.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/04/71-03/21/84	17	1380.	1144.765	1660.	406.	247804.191	497.799	442.	555.	1600.	1652.
00300p	OXYGEN, DISSOLVED MG/L	08/04/71-03/21/84	15	8.2	8.22	11.4	6.2	1.895	1.376	6.44	6.8	8.7	10.8
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/04/71-03/21/84	14	2.	5.214	40.	1.	106.335	10.312	1.	1.	4.25	25.
00340p	COD, .25N K2CR2O7 MG/L	08/04/71-03/21/84	11	10.	12.364	34.	4.	70.855	8.418	4.6	7.	13.	31.4
00403p	PH, LAB, STANDARD UNITS SU	08/04/71-03/21/84	15	8.1	8.12	8.4	7.5	0.049	0.221	7.74	8.	8.3	8.34
00403p	CONVERTED PH, LAB, STANDARD UNITS	08/04/71-03/21/84	15	8.1	8.053	8.4	7.5	0.054	0.232	7.74	8.	8.3	8.34
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/71-03/21/84	15	0.008	0.009	0.032	0.004	0.	0.007	0.005	0.005	0.01	0.02
00440p	BICARBONATE ION (MG/L AS HCO3)	08/04/71-03/21/84	14	319.	277.714	380.	75.	10762.527	103.743	77.5	233.25	341.5	368.5
00445	CARBONATE ION (MG/L AS CO3)	08/04/71-04/17/79	14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/04/71-11/16/79	14	0.	0.184	1.4	0.	0.206	0.454	0.	0.	0.02	1.245
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/04/71-03/21/84	14	0.	1.174	5.85	0.	3.539	1.881	0.	0.	1.94	5.185
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	08/04/71-03/21/84	14	509.5	462.357	616.	146.	27661.016	166.316	152.5	375.5	592.	616.
00916	CALCIUM, TOTAL (MG/L AS Ca)	08/04/71-03/21/84	14	111.5	101.471	135.	42.	1018.035	31.907	42.	88.5	123.45	133.
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/04/71-03/21/84	14	59.5	50.757	70.	10.	462.61	21.508	11.5	36.25	68.15	70.
00929	SODIUM, TOTAL (MG/L AS Na)	08/04/71-03/21/84	14	117.5	102.214	156.	26.	1715.104	41.414	29.	70.25	128.	146.
00937	POTASSIUM, TOTAL MG/L AS K)	08/04/71-03/21/84	14	4.	4.8	8.	4.	2.098	1.449	4.	4.	5.5	7.6
00940p	CHLORIDE, TOTAL IN WATER MG/L	08/04/71-03/21/84	14	100.5	80.643	111.	17.	1253.786	35.409	18.5	44.	105.5	110.5
00945p	SULFATE, TOTAL (MG/L AS SO4)	08/04/71-03/21/84	14	346.5	325.714	476.	95.	15370.527	123.978	101.5	273.25	404.25	474.
01055	MANGANESE, TOTAL (UG/L AS MN)	12/01/73-03/21/84	1	5000.	5000.	5000.	5000.	0.	0.	**	**	**	**
31503p	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	08/04/71-03/21/84	14	3700.	53828.571	600000.	200.25081188351.648	158370.415	300.	1550.	21875.	335000.	
31503p	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	08/04/71-03/21/84	14	3.568	3.719	5.778	2.301	0.846	0.92	2.452	3.167	4.318	5.312
31503p	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			5238.771								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/04/71-03/21/84	14	35.	9289.786	110000.	1.	848808404.489	29134.317	1.	3.25	3650.	60300.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/04/71-03/21/84	14	1.54	2.007	5.041	0.	2.715	1.648	0.	0.452	3.562	4.533
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			101.604								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/04/71-03/21/84	14	200.	208628.571	1840000.	50.290747484890.11	539210.056	50.	175.	22275.	1420000.	
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/04/71-03/21/84	14	2.301	3.219	6.265	1.699	2.387	1.545	1.699	2.226	4.211	6.132
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			1654.608								
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/04/71-04/17/79	14	1082.5	949.286	1250.	292.	114735.451	338.726	308.5	763.5	1172.5	1235.
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/04/71-03/21/84	11	0.07	0.089	0.29	0.	0.011	0.103	0.	0.	0.16	0.284
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	08/04/71-03/06/80	14	0.	5.193	25.9	0.	69.331	8.327	0.	0.	8.575	22.95
71900	MERCURY, TOTAL (UG/L AS HG)	08/04/71-03/21/84	11 ##	5.	4.709	5.	1.8	0.931	0.965	2.44	5.	5.	5.

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1974 - Station SAMO0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/07/71-11/16/79	13	12.8	12.485	17.8	5.	16.733	4.091	5.88	8.6	15.6	17.56
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/07/71-03/21/84	13	55.	54.462	64.	41.	53.936	7.344	42.6	47.5	60.	63.6
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/04/71-03/21/84	22	1410.	1236.909	1730.	378.	171522.468	414.153	542.4	809.25	1520.	1691.
00300p	OXYGEN, DISSOLVED MG/L	08/04/71-03/21/84	15	8.9	9.047	12.1	6.6	2.844	1.686	6.78	7.6	10.5	11.62
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/04/71-03/21/84	15	3.	5.2	27.	1.	42.6	6.527	1.6	2.	5.	17.4
00340p	COD, .25N K2CR2O7 MG/L	08/04/71-03/21/84	11	9.	9.545	24.	2.	32.873	5.733	2.6	6.	12.	21.6
00403p	PH, LAB, STANDARD UNITS SU	08/04/71-03/21/84	15	8.2	8.2	8.9	7.9	0.069	0.262	7.9	8.	8.3	8.66
00403p	CONVERTED PH, LAB, STANDARD UNITS	08/04/71-03/21/84	15	8.2	8.141	8.9	7.9	0.072	0.269	7.9	8.	8.3	8.66
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/71-03/21/84	15	0.006	0.007	0.013	0.001	0.	0.003	0.002	0.005	0.01	0.013
00440p	BICARBONATE ION (MG/L AS HCO3)	08/04/71-03/21/84	15	350.	330.933	390.	197.	2703.638	51.997	228.8	322.	360.	377.4
00445	CARBONATE ION (MG/L AS CO3)	08/04/71-04/17/79	15	0.	3.667	45.	0.	137.381	11.721	0.	0.	0.	24.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/04/71-11/16/79	15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/04/71-03/21/84	15	0.07	0.425	2.17	0.	0.443	0.665	0.	0.	0.88	1.792
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	08/04/71-03/21/84	15	558.	546.067	656.	366.	5423.495	73.644	405.	523.	609.	630.8
00916	CALCIUM, TOTAL (MG/L AS Ca)	08/04/71-03/21/84	15	116.	117.207	148.	85.3	251.835	15.869	93.52	107.	131.	140.68
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/04/71-03/21/84	15	63.6	61.553	69.4	37.2	83.941	9.162	41.28	60.7	67.	69.22
00929	SODIUM, TOTAL (MG/L AS Na)	08/04/71-03/21/84	15	119.	117.313	160.	77.	339.616	18.429	89.6	107.	127.	142.6
00937	POTASSIUM, TOTAL MG/L AS K)	08/04/71-03/21/84	15	5.	5.133	8.	3.2	1.201	1.096	3.68	4.4	5.6	6.8
00940p	CHLORIDE, TOTAL IN WATER MG/L	08/04/71-03/21/84	15	98.	97.4	113.	79.	107.4	10.363	79.6	89.	106.	111.2
00945p	SULFATE, TOTAL (MG/L AS SO4)	08/04/71-03/21/84	15	371.	375.	480.	265.	3437.857	58.633	296.8	331.	412.	477.
01045	IRON, TOTAL (UG/L AS FE)	01/04/74-03/21/84	3	7200.	7326.667	14600.	180.	51996133.333	7210.834	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	12/01/73-03/21/84	3	800.	706.	1280.	38.	392268.	626.313	**	**	**	**
31503p	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	08/04/71-03/21/84	15	3000.	6376.	48000.	60.	155059040.	12452.27	84.	240.	5000.	30000.
31503p	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	08/04/71-03/21/84	15	3.477	3.151	4.681	1.778	0.735	0.857	1.911	2.38	3.699	4.426
31503p	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			1415.859								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/04/71-03/21/84	15	20.	848.267	10000.	1.5	6608568.031	2570.714	1.5	3.	100.	4960.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/04/71-03/21/84	15	1.301	1.517	4.	0.176	1.24	1.113	0.176	0.477	2.	3.522
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			32.867								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/04/71-03/21/84	15	500.	9976.667	80000.	50.	563852095.238	23745.57	50.	100.	5600.	64400.
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/04/71-03/21/84	15	2.699	2.808	4.903	1.699	1.141	1.068	1.699	2.	3.748	4.801
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			642.3								
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/04/71-04/17/79	15	1150.	1132.667	1450.	758.	34701.524	186.283	778.4	1070.	1210.	1420.
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/04/71-03/21/84	12	0.045	0.067	0.2	0.02	0.003	0.058	0.02	0.023	0.1	0.185
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	08/04/71-03/06/80	15	0.3	1.88	9.6	0.	8.67	2.945	0.	0.	3.9	7.92
71900	MERCURY, TOTAL (UG/L AS HG)	08/04/71-03/21/84	15	0.	1.053	5.	0.	4.196	2.048	0.	0.	0.6	5.

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### Annual Analysis for 1975 - Station SAMO0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/07/71-11/16/79	13	10.	11.631	20.	5.6	28.509	5.339	5.6	6.4	16.4	19.32
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/07/71-03/21/84	13	50.	52.923	68.	42.	92.744	9.63	42.	43.5	61.5	66.8
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/04/71-03/21/84	13	1430.	1372.308	1600.	820.	38635.897	196.56	940.	1385.	1455.	1548.
00300p	OXYGEN, DISSOLVED MG/L	08/04/71-03/21/84	13	8.4	8.838	11.1	6.1	2.961	1.721	6.42	7.2	10.55	10.98
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/04/71-03/21/84	12	2.	2.083	8.	0.	4.083	2.021	0.3	1.	2.	6.5
00340p	COD, .25N K2CR2O7 MG/L	08/04/71-03/21/84	12	16.	27.5	140.	8.	1301.	36.069	8.6	12.25	27.	106.7
00403p	PH, LAB, STANDARD UNITS SU	08/04/71-03/21/84	13	8.2	8.215	8.7	7.7	0.048	0.219	7.86	8.1	8.3	8.54
00403p	CONVERTED PH, LAB, STANDARD UNITS	08/04/71-03/21/84	13	8.2	8.161	8.7	7.7	0.051	0.226	7.86	8.1	8.3	8.54
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/71-03/21/84	13	0.006	0.007	0.02	0.002	0.	0.004	0.003	0.005	0.008	0.015
00440p	BICARBONATE ION (MG/L AS HCO3)	08/04/71-03/21/84	13	329.	319.923	363.	148.	2900.744	53.859	214.8	316.	343.5	359.8
00445	CARBONATE ION (MG/L AS CO3)	08/04/71-04/17/79	13	0.	1.846	24.	0.	44.308	6.656	0.	0.	0.	14.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/04/71-11/16/79	13	0.	0.01	0.08	0.	0.001	0.025	0.	0.	0.	0.067
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/04/71-03/21/84	13	0.02	2.119	21.37	0.	34.3	5.857	0.	0.	1.325	14.015
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	08/04/71-03/21/84	13	533.	523.077	605.	282.	6166.744	78.529	366.	520.	562.5	596.6
00916	CALCIUM, TOTAL (MG/L AS Ca)	08/04/71-03/21/84	13	116.	113.954	132.	63.4	272.694	16.513	82.44	112.	122.5	130.4
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/04/71-03/21/84	13	59.6	58.069	69.2	30.	95.984	9.797	37.76	57.	63.75	68.32

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### Annual Analysis for 1975 - Station SAMO0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00929	SODIUM, TOTAL (MG/L AS NA)	08/04/71-03/21/84	13	107.	104.492	116.	58.4	220.351	14.844	75.44	102.5	114.5	115.6
00937	POTASSIUM, TOTAL MG/L AS K)	08/04/71-03/21/84	13	4.3	4.462	6.2	3.7	0.573	0.757	3.74	3.85	4.8	5.96
00940p	CHLORIDE,TOTAL IN WATER MG/L	08/04/71-03/21/84	13	95.	90.308	116.	42.	346.064	18.603	54.	82.	101.	111.6
00945p	SULFATE, TOTAL (MG/L AS SO4)	08/04/71-03/21/84	13	363.	352.846	428.	224.	3098.141	55.661	253.2	320.5	397.5	422.4
01045	IRON, TOTAL (UG/L AS FE)	01/04/74-03/21/84	1	9400.	9400.	9400.	9400.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	12/01/73-03/21/84	1	520.	520.	520.	520.	0.	0.	**	**	**	**
31503p	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	08/04/71-03/21/84	13	480.	2634.615	27000.	200.	53759143.59	7332.063	208.	235.	1000.	16800.
31503p	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	08/04/71-03/21/84	13	2.681	2.818	4.431	2.301	0.321	0.566	2.318	2.371	3.	3.929
31503p	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			657.401								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/04/71-03/21/84	13	10.	1147.731	14600.	1.5	16338279.442	4042.064	1.5	1.5	52.5	8810.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/04/71-03/21/84	13	1.	1.163	4.164	0.176	1.346	1.16	0.176	0.176	1.707	3.337
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			14.539								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/04/71-03/21/84	13	200.	7965.385	99000.	50.	748324326.923	27355.517	50.	75.	750.	59960.
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/04/71-03/21/84	13	2.301	2.513	4.996	1.699	0.81	0.9	1.699	1.849	2.866	4.256
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			325.897								
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/04/71-04/17/79	13	1073.	1047.692	1194.	585.	22330.731	149.435	755.8	1028.5	1112.	1188.
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/04/71-03/21/84	12	0.04	0.066	0.23	0.02	0.004	0.063	0.02	0.023	0.108	0.197
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	08/04/71-03/06/80	13	0.	2.1	13.2	0.	16.872	4.108	0.	0.	2.65	11.28
71900	MERCURY, TOTAL (UG/L AS HG)	08/04/71-03/21/84	13 ##	0.5	0.7	5.	0.	1.72	1.311	0.	0.05	0.5	3.2

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### Annual Analysis for 1976 - Station SAMO0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/07/71-11/16/79	12	14.15	14.325	22.2	7.8	15.58	3.947	8.46	11.825	17.3	21.03
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/07/71-03/21/84	12	57.5	57.792	72.	46.	50.703	7.121	47.2	53.25	63.125	69.9
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/04/71-03/21/84	12	1425.	1416.667	1520.	1300.	6278.788	79.239	1303.	1340.	1487.5	1517.
00300p	OXYGEN, DISSOLVED MG/L	08/04/71-03/21/84	12	7.15	7.25	9.4	5.	2.301	1.517	5.15	6.	8.825	9.4
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/04/71-03/21/84	12	1.5	1.667	4.	1.	0.788	0.888	1.	1.	2.	3.4
00340p	COD, .25N K2CR2O7 MG/L	08/04/71-03/21/84	12	17.	19.25	33.	8.	55.295	7.436	9.2	16.	22.25	33.
00403p	PH, LAB, STANDARD UNITS SU	08/04/71-03/21/84	12	8.	7.983	8.2	7.7	0.022	0.147	7.73	7.9	8.075	8.2
00403p	CONVERTED PH, LAB, STANDARD UNITS	08/04/71-03/21/84	12	8.	7.96	8.2	7.7	0.022	0.149	7.73	7.9	8.075	8.2
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/71-03/21/84	12	0.01	0.011	0.02	0.006	0.	0.004	0.006	0.008	0.013	0.019
00440p	BICARBONATE ION (MG/L AS HCO3)	08/04/71-03/21/84	12	326.5	321.917	348.	295.	413.538	20.336	295.6	297.25	342.	347.1
00445	CARBONATE ION (MG/L AS CO3)	08/04/71-04/17/79	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/04/71-11/16/79	12	0.	0.053	0.24	0.	0.01	0.098	0.	0.	0.12	0.24
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/04/71-03/21/84	12	0.	0.081	0.97	0.	0.078	0.28	0.	0.	0.	0.679
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	08/04/71-03/21/84	12	531.	491.917	561.	158.	12080.992	109.914	251.6	481.75	550.25	559.5
00916	CALCIUM, TOTAL (MG/L AS Ca)	08/04/71-03/21/84	12	110.5	110.667	125.	102.	56.788	7.536	102.	103.5	115.25	124.1
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/04/71-03/21/84	12	60.3	59.525	68.5	52.1	28.658	5.353	52.19	54.325	64.175	67.66
00929	SODIUM, TOTAL (MG/L AS NA)	08/04/71-03/21/84	12	109.5	110.	124.	101.	58.182	7.628	101.	103.25	116.	122.8
00937	POTASSIUM, TOTAL MG/L AS K)	08/04/71-03/21/84	12	4.5	4.375	4.7	3.8	0.097	0.311	3.83	4.1	4.6	4.67
00940p	CHLORIDE, TOTAL IN WATER MG/L	08/04/71-03/21/84	12	99.	99.083	105.	95.	12.083	3.476	95.	96.	102.25	104.7
00945p	SULFATE, TOTAL (MG/L AS SO4)	08/04/71-03/21/84	12	350.	349.75	407.	296.	1102.75	33.208	300.5	318.25	374.75	401.3
31503p	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	08/04/71-03/21/84	12	520.	1184.167	8000.	90.	4753917.424	2180.348	111.	205.	1075.	5960.
31503p	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	08/04/71-03/21/84	12	2.713	2.73	3.903	1.954	0.267	0.516	2.029	2.311	3.031	3.656
31503p	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	08/04/71-03/21/84	12	6.5	34.333	220.	1.5	4066.515	63.769	1.5	1.5	32.5	181.
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/04/71-03/21/84	12	0.739	0.933	2.342	0.176	0.588	0.767	0.176	0.176	1.508	2.226
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/04/71-03/21/84	12	100.	308.333	1800.	50.	249015.152	499.014	50.	50.	450.	1410.
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/04/71-03/21/84	12	2.	2.161	3.255	1.699	0.258	0.508	1.699	1.699	2.644	3.088
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/04/71-03/21/84	12	1054.	1055.25	1140.	971.	2734.023	52.288	975.2	1009.	1096.75	1130.7
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/04/71-04/17/79	12	0.03	0.028	0.05	0.	0.	0.017	0.003	0.01	0.04	0.05
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/04/71-03/21/84	12	0.	0.358	4.3	0.	1.541	1.241	0.	0.	0.	3.01
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	08/04/71-03/06/80	12	0.	0.358	4.3	0.	1.541	1.241	0.	0.	0.	3.01

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### Annual Analysis for 1976 - Station SAMO0028

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71900 MERCURY, TOTAL (UG/L AS HG)	08/04/71-03/21/84	12 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1977 - Station SAMO0028

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/07/71-11/16/79	11	13.3	13.136	20.6	6.1	14.325	3.785	6.88	10.	15.	19.82
00011p TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/07/71-03/21/84	11	56.	55.636	69.	43.	46.055	6.786	44.4	50.	59.	67.6
00095p SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/04/71-03/21/84	17	1320.	1160.706	1540.	399.	111277.721	333.583	586.2	950.	1455.	1500.
00300p OXYGEN, DISSOLVED MG/L	08/04/71-03/21/84	11	7.3	7.245	10.	4.6	3.339	1.827	4.6	5.8	8.8	9.86
00310p BOD, 5 DAY, 20 DEG C MG/L	08/04/71-03/21/84	12	2.	2.625	9.	0.5	7.869	2.805	0.65	1.	2.	8.7
00340p COD, .25N K2CR2O7 MG/L	08/04/71-03/21/84	11	21.	26.182	59.	7.	292.564	17.104	8.2	16.	30.	58.8
00403p PH, LAB, STANDARD UNITS SU	08/04/71-03/21/84	15	8.1	7.913	8.5	6.5	0.431	0.657	6.5	7.6	8.5	8.5
00403p CONVERTED PH, LAB, STANDARD UNITS	08/04/71-03/21/84	15	8.1	7.293	8.5	6.5	0.843	0.918	6.5	7.6	8.5	8.5
00403p MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/71-03/21/84	15	0.008	0.051	0.316	0.003	0.012	0.108	0.003	0.003	0.025	0.316
00440p BICARBONATE ION (MG/L AS HCO3)	08/04/71-03/21/84	11	327.	301.636	345.	189.	3141.255	56.047	190.2	301.	336.	344.
00445 CARBONATE ION (MG/L AS CO3)	08/04/71-04/17/79	9	0.	3.111	12.	0.	24.111	4.91	0.	0.	8.	12.
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/04/71-11/16/79	12	0.058	0.058	0.1	0.	0.001	0.029	0.012	0.039	0.08	0.098
00620p NITRATE NITROGEN, TOTAL (MG/L AS N)	08/04/71-03/21/84	12	0.01	0.501	2.31	0.	0.711	0.843	0.	0.	1.272	2.125
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	08/04/71-03/21/84	4	444.	434.	548.	300.	17050.667	130.578	**	**	**	**
00916 CALCIUM, TOTAL (MG/L AS Ca)	08/04/71-03/21/84	4	98.8	95.4	115.	69.	522.107	22.85	**	**	**	**
00927 MAGNESIUM, TOTAL (MG/L AS MG)	08/04/71-03/21/84	4	47.5	47.45	63.8	31.	321.417	17.928	**	**	**	**
00929 SODIUM, TOTAL (MG/L AS NA)	08/04/71-03/21/84	5	106.	97.36	115.	75.8	359.948	18.972	**	**	**	**
00937 POTASSIUM, TOTAL MG/L AS K)	08/04/71-03/21/84	5	4.2	6.04	14.	3.5	19.913	4.462	**	**	**	**
00940p CHLORIDE, TOTAL IN WATER MG/L	08/04/71-03/21/84	11	100.	96.455	116.	64.	262.473	16.201	65.	90.	107.	114.4
00945p SULFATE, TOTAL (MG/L AS SO4)	08/04/71-03/21/84	12	354.5	331.917	386.	203.	3369.174	58.045	218.	286.25	369.	384.8
01045 IRON, TOTAL (UG/L AS FE)	01/04/74-03/21/84	4	180.	237.5	480.	110.	28291.667	168.201	**	**	**	**
01055 MANGANESE, TOTAL (UG/L AS MN)	12/01/73-03/21/84	4	35.	45.	90.	20.	982.667	31.348	**	**	**	**
31503p COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	08/04/71-03/21/84	11	720.	42618.182	400000.	200.14227211316.364	119277.874	216.	400.	22000.	328400.	5.406
31503p LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	08/04/71-03/21/84	11	2.857	3.303	5.602	2.301	1.127	1.062	2.33	2.602	4.342	5.406
31503p GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			2008.51								
31616p FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/04/71-03/21/84	10	30.	14158.8	122000.	3.	1462048195.511	38236.739	4.2	18.75	6075.	111450.
31616p LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/04/71-03/21/84	10	1.452	2.245	5.086	0.477	2.31	1.52	0.547	1.27	3.616	4.999
31616p GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			175.606								
31673p FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/04/71-03/21/84	12	450.	24558.333	159000.	50.	2852458560.606	53408.413	50.	100.	14000.	145500.
31673p LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/04/71-03/21/84	12	2.651	2.96	5.201	1.699	1.525	1.235	1.699	2.	3.957	5.158
31673p GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			911.379								
70300 RESIDUE, TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/15/77-03/21/84	8	942.	919.	980.	716.	7350.857	85.737	**	**	**	**
70301 SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/04/71-04/17/79	3	1079.	969.333	1115.	714.	49220.333	221.857	**	**	**	**
70507p PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/04/71-03/21/84	11	0.03	0.048	0.15	0.01	0.002	0.041	0.012	0.03	0.05	0.14
71850 NITRATE NITROGEN,TOTAL (MG/L AS NO3)	08/04/71-03/06/80	12	0.05	2.217	10.2	0.	13.88	3.726	0.	0.	5.625	9.39
71900 MERCURY, TOTAL (UG/L AS HG)	08/04/71-03/21/84	12 ##	0.5	0.979	7.	0.05	3.617	1.902	0.095	0.5	0.5	5.05

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### Annual Analysis for 1978 - Station SAMO0028

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/07/71-11/16/79	14	12.8	12.129	15.6	8.3	4.367	2.09	8.85	9.85	13.3	15.
00011p TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/07/71-03/21/84	14	55.	53.857	60.	47.	13.978	3.739	48.	49.75	56.	59.
00095p SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/04/71-03/21/84	23	1080.	970.87	1560.	300.	181774.119	426.35	360.6	570.	1390.	1446.
00300p OXYGEN, DISSOLVED MG/L	08/04/71-03/21/84	10	8.65	8.3	9.8	4.5	2.556	1.599	4.73	7.775	9.425	9.77
00310p BOD, 5 DAY, 20 DEG C MG/L	08/04/71-03/21/84	16	1.	2.625	8.	0.	7.983	2.825	0.	1.	4.75	8.
00340p COD, .25N K2CR2O7 MG/L	08/04/71-03/21/84	16	20.5	38.938	110.	5.	1501.263	38.746	5.7	9.	79.	109.3

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### Annual Analysis for 1978 - Station SAMO0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403p	PH, LAB, STANDARD UNITS SU	08/04/71-03/21/84	20	8.	7.85	8.5	7.1	0.231	0.481	7.1	7.35	8.275	8.3
00403p	CONVERTED PH, LAB, STANDARD UNITS	08/04/71-03/21/84	20	7.989	7.594	8.5	7.1	0.3	0.548	7.1	7.35	8.275	8.3
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/71-03/21/84	20	0.01	0.025	0.079	0.003	0.001	0.028	0.005	0.005	0.045	0.079
00440p	BICARBONATE ION (MG/L AS HCO3)	08/04/71-03/21/84	16	310.5	267.313	378.	88.	10973.829	104.756	103.4	192.75	361.75	373.1
00445	CARBONATE ION (MG/L AS CO3)	08/04/71-04/17/79	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/04/71-11/16/79	16 ##	0.04	0.118	0.58	0.012	0.027	0.164	0.032	0.04	0.12	0.503
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/04/71-03/21/84	16	2.025	2.078	5.4	0.115	3.365	1.835	0.115	0.206	3.673	5.337
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	08/04/71-03/21/84	8	348.5	339.	588.	135.	33372.286	182.681	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS Ca)	08/04/71-03/21/84	8	70.5	76.375	123.	31.	1100.268	33.17	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/04/71-03/21/84	8	38.5	37.7	68.2	11.	532.297	23.072	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS Na)	08/04/71-03/21/84	8	74.	62.025	100.	18.	1167.719	34.172	**	**	**	**
00937	POTASSIUM, TOTAL (MG/L AS K)	08/04/71-03/21/84	8	7.	7.913	14.	4.5	11.776	3.432	**	**	**	**
00940p	CHLORIDE, TOTAL IN WATER MG/L	08/04/71-03/21/84	16	66.	65.375	103.	12.	990.117	31.466	13.4	42.75	98.75	102.3
00945p	SULFATE, TOTAL (MG/L AS SO4)	08/04/71-03/21/84	16	322.	290.375	470.	57.	16159.183	127.119	74.5	194.	366.5	446.9
01045	IRON, TOTAL (UG/L AS FE)	01/04/74-03/21/84	16	925.	6710.625	36400.	10.	146817392.917	12116.823	94.	202.5	5992.5	35140.
01055	MANGANESE, TOTAL (UG/L AS MN)	12/01/73-03/21/84	16	50.	192.813	840.	5.	76453.229	276.502	8.5	30.	370.	714.
31503p	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	08/04/71-03/21/84	16	5800.	52606.875	400000.	10.12518925156.25	111888.003	423.	2000.	42500.	295000.	
31503p	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	08/04/71-03/21/84	16	3.761	3.794	5.602	1.	1.224	1.106	2.245	3.301	4.599	5.459
31503p	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	08/04/71-03/21/84	16		6227.101								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/04/71-03/21/84	13	960.	14643.077	140000.	20.	1459728256.41	38206.39	28.	120.	11250.	92000.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/04/71-03/21/84	13	2.982	3.025	5.146	1.301	1.369	1.17	1.421	1.952	4.026	4.808
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/04/71-03/21/84	16		1058.351								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/04/71-03/21/84	16	4150.	34284.375	150000.	50.	2429717239.583	49292.162	85.	225.	69000.	129000.
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/04/71-03/21/84	16	3.601	3.594	5.176	1.699	1.457	1.207	1.91	2.345	4.838	5.108
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/04/71-03/21/84	16		3927.895								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/15/77-03/21/84	11	980.	963.909	1136.	655.	17216.891	131.213	690.4	932.	1068.	1124.
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/04/71-03/21/84	16	0.04	0.058	0.21	0.005	0.004	0.062	0.009	0.013	0.075	0.189
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	08/04/71-03/06/80	16	8.85	9.194	23.9	0.5	65.807	8.112	0.5	0.925	16.25	23.62
71900	MERCURY, TOTAL (UG/L AS HG)	08/04/71-03/21/84	8 ##	2.5	2.313	5.	0.5	1.996	1.413	**	**	**	**

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### Annual Analysis for 1979 - Station SAMO0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/07/71-11/16/79	14	13.9	13.871	19.7	7.8	14.755	3.841	8.35	9.85	17.35	18.75
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/07/71-03/21/84	15	55.	56.1	67.5	44.	55.579	7.455	45.2	49.	63.	65.4
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/04/71-03/21/84	15	1580.	1366.467	1720.	433.	181805.552	426.387	569.2	1230.	1670.	1714.
00300p	OXYGEN, DISSOLVED MG/L	08/04/71-03/21/84	12	6.6	7.342	10.2	4.9	4.077	2.019	4.9	5.55	9.325	10.08
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/04/71-03/21/84	15	3.	4.333	24.	0.5	34.631	5.885	0.5	1.	5.	13.8
00340p	COD, .25N K2CR2O7 MG/L	08/04/71-03/21/84	14	17.	29.714	84.	4.	824.835	28.72	4.	10.5	55.5	83.5
00403p	PH, LAB, STANDARD UNITS SU	08/04/71-03/21/84	15	8.1	8.087	8.5	7.5	0.061	0.247	7.62	8.	8.3	8.38
00403p	CONVERTED PH, LAB, STANDARD UNITS	08/04/71-03/21/84	15	8.1	8.011	8.5	7.5	0.067	0.26	7.62	8.	8.3	8.38
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/71-03/21/84	15	0.008	0.01	0.032	0.003	0.	0.007	0.004	0.005	0.01	0.025
00440p	BICARBONATE ION (MG/L AS HCO3)	08/04/71-03/21/84	15	323.	298.333	383.	116.	7065.095	84.054	118.4	247.	349.	380.
00445	CARBONATE ION (MG/L AS CO3)	08/04/71-04/17/79	1	32.	32.	32.	32.	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/18/79-03/21/84	2 ##	0.065	0.065	0.09	0.04	0.001	0.035	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/04/71-11/16/79	14 ##	0.06	0.119	0.39	0.04	0.014	0.119	0.04	0.04	0.148	0.37
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/17/79-03/21/84	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/04/71-03/21/84	13	1.1	1.158	4.22	0.1	1.53	1.237	0.1	0.1	1.82	3.532
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	08/04/71-03/21/84	15	663.	557.733	692.	195.	29528.067	171.837	244.8	490.	679.	685.4
00916	CALCIUM, TOTAL (MG/L AS Ca)	08/04/71-03/21/84	15	146.	127.913	163.	47.	1390.07	37.284	61.4	97.7	154.	159.4
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/04/71-03/21/84	15	71.2	57.88	75.5	19.	440.466	20.987	22.	37.4	73.5	74.96
00929	SODIUM, TOTAL (MG/L AS Na)	08/04/71-03/21/84	15	108.	98.713	130.	27.	1106.274	33.261	36.	82.3	126.	128.8
00937	POTASSIUM, TOTAL MG/L AS K)	08/04/71-03/21/84	15	4.3	4.373	5.	3.8	0.161	0.401	3.86	4.	4.7	5.
00940p	CHLORIDE, TOTAL IN WATER MG/L	08/04/71-03/21/84	15	92.	87.2	128.	19.	1137.457	33.726	30.4	59.	119.	124.4
00945p	SULFATE, TOTAL (MG/L AS SO4)	08/04/71-03/21/84	15	490.	409.2	550.	57.	29991.6	173.181	76.2	324.	530.	548.8

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### Annual Analysis for 1979 - Station SAMO0028

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01045	IRON, TOTAL (UG/L AS FE)	01/04/74-03/21/84	15	230.	6635.333	47600.	30. 240095198.095	15495.006	66.	120.	2750.	44000.
01055	MANGANESE, TOTAL (UG/L AS MN)	12/01/73-03/21/84	15	120.	172.	660.	20. 40960.	202.386	20.	40.	170.	624.
31503p	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	08/04/71-03/21/84	15	5600.	20881.333	170000.	20. 1910133512.381	43705.074	248.	2800.	15000.	101000.
31503p	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	08/04/71-03/21/84	15	3.748	3.688	5.23	1.301	0.823	0.907	2.082	3.447	4.936
31503p	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	08/04/71-03/21/84	15	400.	2092.667	20000.	20. 25494606.667	5049.218	20.	50.	1400.	10160.
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/04/71-03/21/84	15	2.602	2.587	4.301	1.301	0.771	0.878	1.301	1.699	3.146
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/04/71-03/21/84	15	1700.	19823.333	250000.	50. 4075196023.81	63837.262	140.	400.	6700.	110200.
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/04/71-03/21/84	15	3.23	3.249	5.398	1.699	0.834	0.913	2.06	2.602	3.826
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/04/71-03/21/84	15	1775.685	1164.333							4.697
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/15/77-03/21/84	12	1224.	1164.333	1280.	888.	17726.424	133.141	912.	1048.	1259.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/04/71-04/17/79	1	1335.	1335.	1335.	1335.	0.	0.	**	**	**
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/04/71-03/21/84	15	0.03	0.049	0.17	0.005	0.002	0.047	0.005	0.01	0.07
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	08/04/71-03/06/80	12	5.3	5.517	18.7	0.45	30.588	5.531	0.45	0.45	8.775
71900	MERCURY, TOTAL (UG/L AS HG)	08/04/71-03/21/84	15 ##	0.5	0.933	2.5	0.5	0.674	0.821	0.5	0.5	1.

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### Annual Analysis for 1980 - Station SAMO0028

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/07/71-03/21/84	14	57.	57.107	68.	47.	31.468	5.61	47.5	54.	61.125
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/04/71-03/21/84	15	1540.	1386.667	1900.	325.	246599.238	496.588	403.6	1280.	1760.
00300p	OXYGEN, DISSOLVED MG/L	08/04/71-03/21/84	10	8.05	8.61	10.9	7.4	1.592	1.262	7.41	7.575	9.75
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/04/71-03/21/84	14	2.	4.643	23.	1.	37.94	6.16	1.	1.	5.75
00340p	COD, .25N K2CR2O7 MG/L	08/04/71-03/21/84	14	17.5	45.357	250.	4.	5038.247	70.981	4.	10.5	41.5
00403p	PH, LAB, STANDARD UNITS SU	08/04/71-03/21/84	15	8.	7.913	8.2	7.5	0.078	0.28	7.5	7.6	8.2
00403p	CONVERTED PH, LAB, STANDARD UNITS	08/04/71-03/21/84	15	8.	7.829	8.2	7.5	0.086	0.293	7.5	7.6	8.2
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/71-03/21/84	15	0.01	0.015	0.032	0.006	0.	0.01	0.006	0.006	0.025
00440p	BICARBONATE ION (MG/L AS HCO3)	08/04/71-03/21/84	15	304.	269.667	362.	110.	7158.095	84.606	125.6	164.	338.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/18/79-03/21/84	13	0.05	0.271	1.56	0.01	0.223	0.473	0.026	0.05	0.21
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/17/79-03/21/84	10 ##	0.008	0.014	0.06	0.005	0.	0.017	0.005	0.005	0.013
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/04/71-03/21/84	10	0.18	0.596	2.49	0.005	0.654	0.809	0.005	0.016	1.033
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/80-03/21/84	9	9.	14.389	52.7	3.8	232.484	15.247	3.8	5.5	17.75
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	08/04/71-03/21/84	15	672.	613.933	964.	311.	30451.781	174.504	315.2	498.	722.
00916	CALCIUM, TOTAL (MG/L AS Ca)	08/04/71-03/21/84	15	148.	130.873	218.	48.7	2504.324	50.043	58.48	80.9	169.
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/04/71-03/21/84	15	68.9	69.793	117.	36.1	434.886	20.854	43.	50.9	79.
00929	SODIUM, TOTAL (MG/L AS Na)	08/04/71-03/21/84	15	96.9	88.86	150.	25.5	1156.327	34.005	31.2	75.8	112.
00937	POTASSIUM, TOTAL MG/L AS K)	08/04/71-03/21/84	15	4.5	7.913	39.5	0.6	96.178	9.807	2.52	4.	5.7
00940p	CHLORIDE, TOTAL IN WATER MG/L	08/04/71-03/21/84	15	92.	86.867	139.	10.	1700.41	41.236	22.	44.	134.
00945p	SULFATE, TOTAL (MG/L AS SO4)	08/04/71-03/21/84	15	480.	406.133	522.	79.	19609.838	140.035	155.8	320.	510.
01045	IRON, TOTAL (UG/L AS FE)	01/04/74-03/21/84	12	246.	4785.5	53200.	26.	232741977.	15255.883	30.2	47.	634.
01055	MANGANESE, TOTAL (UG/L AS MN)	12/01/73-03/21/84	13	125.	457.769	1950.	20.	468973.192	684.816	24.	48.5	725.
31503p	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	08/04/71-03/21/84	14	2600.	24815.714	170000.	220.	2711016380.22	52067.421	510.	1700.	13000.
31503p	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	08/04/71-03/21/84	14	3.414	3.666	5.23	2.342	0.648	0.805	2.623	3.202	4.11
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/04/71-03/21/84	14	400.	5360.286	67000.	4.	315995164.22	17776.253	12.	100.	650.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/04/71-03/21/84	14	2.602	2.476	4.826	0.602	1.021	1.01	0.952	1.96	2.809
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/04/71-03/21/84	14	1100.	35842.857	220000.	200.	5172342637.363	71919.001	200.	300.	47000.
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/04/71-03/21/84	14	3.04	3.411	5.342	2.301	1.184	1.088	2.301	2.477	4.672
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/04/71-03/21/84	14	1100.	35842.857	220000.	200.	5172342637.363	71919.001	200.	300.	47000.
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/04/71-03/21/84	14	3.04	3.411	5.342	2.301	1.184	1.088	2.301	2.477	4.672
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/15/77-03/21/84	15	1172.	1025.2	1360.	219.	124221.314	352.45	365.4	925.	1290.
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/04/71-03/21/84	13	0.05	0.109	0.49	0.01	0.018	0.134	0.01	0.025	0.14
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	08/04/71-03/06/80	2	15.8	15.8	31.4	0.2	486.72	22.062	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	08/04/71-03/21/84	13 ##	0.05	0.212	1.	0.05	0.083	0.288	0.05	0.05	0.35

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### Annual Analysis for 1981 - Station SAMO0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/07/71-03/21/84	10	58.	56.6	66.	48.	33.822	5.816	48.2	51.5	60.5	65.6
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/04/71-03/21/84	11	1710.	1614.909	2140.	644.	179269.091	423.402	729.2	1490.	1870.	2094.
00300p	OXYGEN, DISSOLVED MG/L	08/04/71-03/21/84	9	8.	7.9	12.	3.3	6.875	2.622	3.3	6.1	10.	12.
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/04/71-03/21/84	11	2.	5.091	18.	1.	31.691	5.629	1.	2.	11.	16.6
00340p	COD, .25N K2CR2O7 MG/L	08/04/71-03/21/84	11	31.	58.818	243.	2.	5095.964	71.386	3.2	10.	107.	216.6
00403p	PH, LAB, STANDARD UNITS SU	08/04/71-03/21/84	11	7.7	7.836	8.3	7.6	0.051	0.225	7.62	7.7	7.9	8.28
00403p	CONVERTED PH, LAB, STANDARD UNITS	08/04/71-03/21/84	11	7.7	7.793	8.3	7.6	0.053	0.229	7.62	7.7	7.9	8.28
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/71-03/21/84	11	0.02	0.016	0.025	0.005	0.	0.006	0.005	0.013	0.02	0.024
00440p	BICARBONATE ION (MG/L AS HCO3)	08/04/71-03/21/84	10	288.5	271.5	340.	101.	6484.278	80.525	107.1	236.25	334.	340.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/18/79-03/21/84	11 ##	0.005	0.062	0.5	0.005	0.022	0.147	0.005	0.005	0.04	0.416
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/17/79-03/21/84	11 ##	0.005	0.015	0.06	0.005	0.	0.017	0.005	0.005	0.02	0.054
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/04/71-03/21/84	11	0.12	0.389	1.88	0.005	0.419	0.648	0.008	0.03	0.25	1.798
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/80-03/21/84	10	5.8	16.17	57.8	2.	377.216	19.422	2.05	4.225	34.875	55.62
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	08/04/71-03/21/84	11	711.	644.364	765.	244.	29021.655	170.357	280.2	561.	762.	764.8
00916	CALCIUM, TOTAL (MG/L AS Ca)	08/04/71-03/21/84	11	179.	170.564	226.	81.8	1595.133	39.939	94.24	144.	205.7	223.24
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/04/71-03/21/84	11	57.7	52.945	83.	9.6	579.123	24.065	10.84	33.6	73.9	81.62
00929	SODIUM, TOTAL (MG/L AS Na)	08/04/71-03/21/84	10	126.5	120.2	200.	50.	1952.178	44.183	51.3	84.75	144.5	195.2
00937	POTASSIUM, TOTAL MG/L AS K)	08/04/71-03/21/84	10	5.35	5.258	6.68	3.6	0.914	0.956	3.63	4.65	6.	6.612
00940p	CHLORIDE, TOTAL IN WATER MG/L	08/04/71-03/21/84	10	107.	104.3	145.	30.	1332.678	36.506	32.5	88.	134.	143.9
00945p	SULFATE, TOTAL (MG/L AS SO4)	08/04/71-03/21/84	10	528.5	502.8	638.	270.	11744.178	108.371	280.7	443.	572.25	634.2
01045	IRON, TOTAL (UG/L AS FE)	01/04/74-03/21/84	11	200.	5270.727	24800.	30.	82257541.818	9069.594	34.	88.	12900.	23560.
01055	MANGANESE, TOTAL (UG/L AS MN)	12/01/73-03/21/84	11	250.	701.182	5720.	0.	2803576.364	1674.388	4.	40.	455.	4680.
31503p	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	08/04/71-03/21/84	11	11000.	29745.455	200000.	600.	3314952727.273	57575.626	1280.	4800.	25000.	168000.
31503p	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	08/04/71-03/21/84	11	4.041	4.032	5.301	2.778	0.407	0.638	2.943	3.681	4.398	5.161
31503p	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			10776.877								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/04/71-03/21/84	11	100.	938.182	8400.	10.	6210176.364	2492.023	10.	20.	400.	6920.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/04/71-03/21/84	11	2.	2.03	3.924	1.	0.795	0.892	1.	1.301	2.602	3.739
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			107.208								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/04/71-03/21/84	11	400.	11931.818	84000.	50.	734343136.364	27098.766	60.	100.	1400.	75800.
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/04/71-03/21/84	11	2.602	2.812	4.924	1.699	1.192	1.092	1.759	2.	3.146	4.866
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			648.252								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/15/77-03/21/84	11	1200.	1145.364	1452.	468.	84701.655	291.035	528.4	1052.	1352.	1432.8
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/04/71-03/21/84	11	0.03	0.078	0.39	0.005	0.015	0.122	0.006	0.01	0.08	0.358
71900	MERCURY, TOTAL (UG/L AS HG)	08/04/71-03/21/84	11 ##	0.2	0.464	2.7	0.05	0.59	0.768	0.05	0.05	0.5	2.26

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### Annual Analysis for 1982 - Station SAMO0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/07/71-03/21/84	11	60.	58.364	73.	46.	85.455	9.244	46.4	49.	67.	72.2
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/04/71-03/21/84	12	1459.	1353.	1840.	347.	168064.727	409.957	494.6	1240.	1557.25	1825.
00300p	OXYGEN, DISSOLVED MG/L	08/04/71-03/21/84	9	9.2	9.156	11.3	7.5	1.343	1.159	7.5	8.2	9.85	11.3
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/04/71-03/21/84	13	4.	5.769	19.	0.5	36.151	6.013	0.5	1.	8.	18.2
00340p	COD, .25N K2CR2O7 MG/L	08/04/71-03/21/84	13	19.	43.231	264.	4.	4821.192	69.435	4.8	10.	45.	188.4
00403p	PH, LAB, STANDARD UNITS SU	08/04/71-03/21/84	12	8.05	8.067	8.5	7.7	0.061	0.246	7.73	7.9	8.275	8.47
00403p	CONVERTED PH, LAB, STANDARD UNITS	08/04/71-03/21/84	12	8.047	8.008	8.5	7.7	0.064	0.254	7.73	7.9	8.275	8.47
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/71-03/21/84	12	0.009	0.01	0.02	0.003	0.	0.005	0.003	0.005	0.013	0.019
00440p	BICARBONATE ION (MG/L AS HCO3)	08/04/71-03/21/84	13	244.	234.	330.	80.	5563.	74.586	91.2	199.	282.	326.8
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/18/79-03/21/84	13	0.03	0.05	0.17	0.005	0.003	0.05	0.005	0.02	0.06	0.158
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/17/79-03/21/84	13 ##	0.005	0.018	0.05	0.005	0.	0.018	0.005	0.005	0.04	0.046
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/04/71-03/21/84	13	0.02	0.408	1.75	0.005	0.384	0.62	0.005	0.005	0.885	1.622
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/80-03/21/84	12	4.85	13.708	80.	2.9	480.544	21.921	3.08	4.275	14.95	63.5
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	08/04/71-03/21/84	12	527.5	506.75	745.	159.	26885.477	163.968	201.9	428.5	594.5	741.4
00916	CALCIUM, TOTAL (MG/L AS Ca)	08/04/71-03/21/84	12	119.5	123.85	172.5	52.8	1333.13	36.512	60.06	106.15	154.25	171.81
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/04/71-03/21/84	12	56.1	47.883	76.2	6.6	520.549	22.816	8.22	30.125	64.375	75.6
00929	SODIUM, TOTAL (MG/L AS NA)	08/04/71-03/21/84	13	113.	103.554	145.	19.2	1290.829	35.928	36.52	79.75	132.5	143.

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### Annual Analysis for 1982 - Station SAMO0028

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00937 POTASSIUM, TOTAL (MG/L AS K)	08/04/71-03/21/84	13	3.95	4.02	6.3	1.8	0.971	0.985	2.404	3.7	4.5	5.58
00940p CHLORIDE, TOTAL IN WATER (MG/L)	08/04/71-03/21/84	13	149.	159.154	600.	8.	20110.474	141.811	25.2	89.5	163.5	428.
00945p SULFATE, TOTAL (MG/L AS SO4)	08/04/71-03/21/84	13	375.	355.538	516.	65.	23077.603	151.913	67.	279.5	481.5	513.6
01045 IRON, TOTAL (UG/L AS FE)	01/04/74-03/21/84	13	225.	14343.	137000.	50.	1479145489.833	38459.661	50.	61.	3717.5	98280.
01055 MANGANESE, TOTAL (UG/L AS MN)	12/01/73-03/21/84	14	157.	279.957	2220.	15.	328218.795	572.904	20.	25.	174.5	1364.5
31503p COLIFORM, TOT, MEMBR FILTER, DELAYED, M-ENDO MED, 35 C	08/04/71-03/21/84	13	4000.	15669.231	80000.	100.	567782307.692	23828.183	140.	500.	33000.	62400.
31503p LOG COLIFORM, TOT, MEMBR FILTER, DELAYED, M-ENDO MED, 3	08/04/71-03/21/84	13	3.602	3.508	4.903	2.	0.923	0.961	2.12	2.602	4.517	4.764
31503p GM COLIFORM, TOT, MEMBR FILTER, DELAYED, M-ENDO MED, 35	GEOMETRIC MEAN =			3218.406								
31616p FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	08/04/71-03/21/84	13	240.	4193.846	28000.	20.	68077892.308	8250.933	20.	40.	5500.	22400.
31616p LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	08/04/71-03/21/84	13	2.38	2.566	4.447	1.301	1.25	1.118	1.301	1.54	3.724	4.327
31616p GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			368.45								
31673p FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	08/04/71-03/21/84	13	2100.	45461.538	445000.	50.	15267887147.436	123563.292	50.	300.	12500.	310200.
31673p LOG FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	08/04/71-03/21/84	13	3.322	3.344	5.648	1.699	1.44	1.2	1.699	2.349	4.067	5.402
31673p GM FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	GEOMETRIC MEAN =			2210.153								
70300 RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	04/15/77-03/21/84	12	1004.	974.333	1336.	260.	99940.242	316.133	351.2	872.	1262.	1330.
70507p PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/04/71-03/21/84	13	0.03	0.073	0.29	0.005	0.009	0.093	0.005	0.008	0.135	0.254
71900 MERCURY, TOTAL (UG/L AS HG)	08/04/71-03/21/84	13 ##	0.5	0.292	0.5	0.05	0.055	0.233	0.05	0.05	0.5	0.5

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1983 - Station SAMO0028

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/07/71-03/21/84	11	62.	60.727	71.	52.	36.618	6.051	52.4	55.	64.	70.4
00095p SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/04/71-03/21/84	11	1311.	1201.636	1550.	290.	137340.055	370.594	380.	1160.	1420.	1540.
00300p OXYGEN, DISSOLVED (MG/L)	08/04/71-03/21/84	10	10.	10.08	12.	9.	0.553	0.744	9.08	9.95	10.	11.8
00310p BOD, 5 DAY, 20 DEG C (MG/L)	08/04/71-03/21/84	11	2.	3.318	17.	0.5	21.514	4.638	0.6	1.	3.	14.4
00340p COD, .25N K2CR2O7 (MG/L)	08/04/71-03/21/84	11	13.	51.364	420.	4.	15037.855	122.629	4.4	8.	27.	343.2
00403p PH, LAB, STANDARD UNITS SU	08/04/71-03/21/84	11	8.3	8.191	8.4	7.2	0.127	0.356	7.36	8.1	8.4	8.4
00403p CONVERTED PH, LAB, STANDARD UNITS	08/04/71-03/21/84	11	8.3	7.972	8.4	7.2	0.18	0.424	7.36	8.1	8.4	8.4
00403p MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/71-03/21/84	11	0.005	0.011	0.063	0.004	0.	0.018	0.004	0.004	0.008	0.052
00440p BICARBONATE ION (MG/L AS HCO3)	08/04/71-03/21/84	11	260.	240.818	324.	72.	4912.164	70.087	94.4	200.	289.	318.
00608 NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/18/79-03/21/84	11	0.08	0.423	1.44	0.005	0.325	0.57	0.005	0.01	0.82	1.432
00615 NITRITE NITROGEN, TOTAL (MG/L AS N)	12/17/79-03/21/84	9	0.01	0.016	0.05	0.005	0.	0.016	0.005	0.005	0.025	0.05
00620p NITRATE NITROGEN, TOTAL (MG/L AS N)	08/04/71-03/21/84	11	1.47	1.335	2.57	0.2	0.836	0.914	0.2	0.3	2.1	2.486
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/80-03/21/84	11	4.4	17.682	143.	2.6	1737.512	41.683	2.64	3.2	6.5	117.2
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	08/04/71-03/21/84	11	452.	461.545	646.	161.	20682.873	143.815	190.6	402.	613.	642.4
00916 CALCIUM, TOTAL (MG/L AS Ca)	08/04/71-03/21/84	11	90.	91.518	140.	33.	1029.014	32.078	39.6	68.	124.	138.
00927 MAGNESIUM, TOTAL (MG/L AS MG)	08/04/71-03/21/84	11	61.	56.318	76.	19.	303.814	17.43	22.	45.	70.	75.
00929 SODIUM, TOTAL (MG/L AS Na)	08/04/71-03/21/84	11	85.	78.827	125.	14.	1127.128	33.573	16.6	64.	106.	122.4
00937 POTASSIUM, TOTAL (MG/L AS K)	08/04/71-03/21/84	11	4.9	5.173	7.5	2.3	2.628	1.621	2.62	3.9	6.9	7.4
00940p CHLORIDE, TOTAL IN WATER (MG/L)	08/04/71-03/21/84	11	82.	78.	108.	19.	719.6	26.825	25.2	57.	100.	106.6
00945p SULFATE, TOTAL (MG/L AS SO4)	08/04/71-03/21/84	11	290.	269.	512.	52.	22645.6	150.485	66.6	140.	428.	501.2
01045 IRON, TOTAL (UG/L AS FE)	01/04/74-03/21/84	11	50.	2071.818	21800.	15.	42830446.364	6544.497	15.	15.	150.	17536.
01055 MANGANESE, TOTAL (UG/L AS MN)	12/01/73-03/21/84	10 ##	20.	193.8	1700.	5.	280712.178	529.823	5.	5.	65.	1538.
31503p COLIFORM, TOT, MEMBR FILTER, DELAYED, M-ENDO MED, 35 C	08/04/71-03/21/84	11	400.	3809.091	30000.	100.	77292909.091	8791.639	120.	400.	3600.	24800.
31503p LOG COLIFORM, TOT, MEMBR FILTER, DELAYED, M-ENDO MED, 3	08/04/71-03/21/84	11	2.602	2.955	4.477	2.	0.497	0.705	2.06	2.602	3.556	4.302
31503p GM COLIFORM, TOT, MEMBR FILTER, DELAYED, M-ENDO MED, 35	GEOMETRIC MEAN =			901.216								
31616p FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	08/04/71-03/21/84	11	40.	430.909	3500.	20.	1064189.091	1031.595	20.	20.	400.	2900.
31616p LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	08/04/71-03/21/84	11	1.602	1.903	3.544	1.301	0.575	0.758	1.301	1.301	2.602	3.375
31616p GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			80.01								
31673p FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	08/04/71-03/21/84	11	1000.	10500.	95000.	200.	796886000.	28229.169	260.	600.	2000.	78420.
31673p LOG FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	08/04/71-03/21/84	11	3.	3.192	4.978	2.301	0.545	0.738	2.381	2.778	3.301	4.799
31673p GM FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	GEOMETRIC MEAN =			1556.983								
70300 RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	04/15/77-03/21/84	11	940.	835.818	1086.	210.	65891.764	256.694	279.	700.	1000.	1068.8
70507p PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/04/71-03/21/84	11	0.33	0.701	2.35	0.005	0.648	0.805	0.005	0.04	1.44	2.174
71900 MERCURY, TOTAL (UG/L AS HG)	08/04/71-03/21/84	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

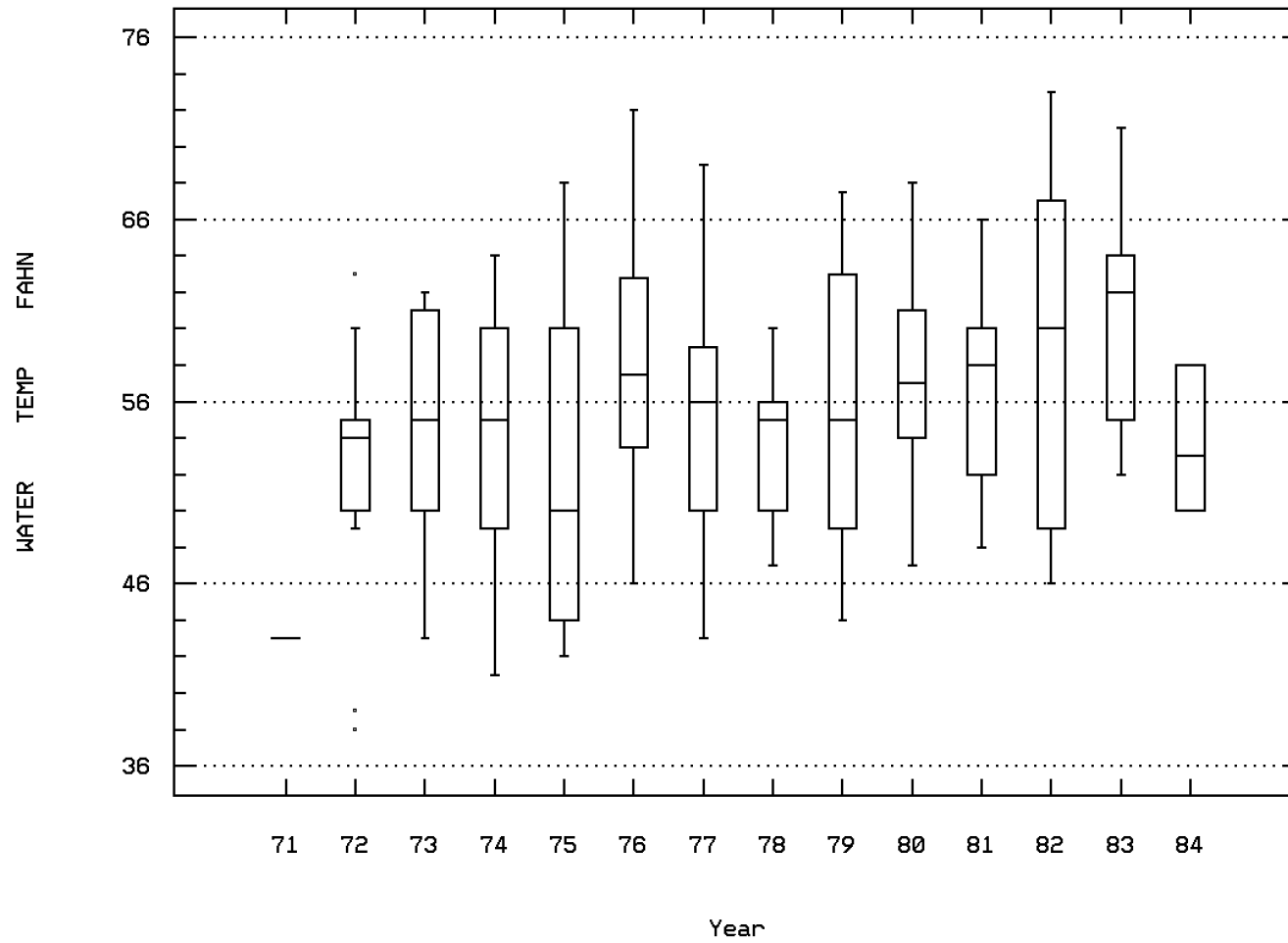
# Annual Analysis for 1984 - Station SAMO0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/07/71-03/21/84	3	53.	53.667	58.	50.	16.333	4.041	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/04/71-03/21/84	3	1600.	1603.333	1660.	1550.	3033.333	55.076	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	08/04/71-03/21/84	3	11.	11.333	12.	11.	0.333	0.577	**	**	**	**
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/04/71-03/21/84	3	3.	2.667	4.	1.	2.333	1.528	**	**	**	**
00340p	COD, .25N K2CR2O7 MG/L	08/04/71-03/21/84	3	19.	17.333	24.	9.	58.333	7.638	**	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	08/04/71-03/21/84	3	8.3	8.233	8.3	8.1	0.013	0.115	**	**	**	**
00403p	CONVERTED PH, LAB, STANDARD UNITS	08/04/71-03/21/84	3	8.3	8.223	8.3	8.1	0.014	0.116	**	**	**	**
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/71-03/21/84	3	0.005	0.006	0.008	0.005	0.	0.002	**	**	**	**
00440p	BICARBONATE ION (MG/L AS HCO3)	08/04/71-03/21/84	3	239.	240.667	246.	237.	22.333	4.726	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/18/79-03/21/84	3	0.1	0.202	0.5	0.005	0.069	0.263	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/17/79-03/21/84	2##	0.025	0.025	0.04	0.01	0.	0.021	**	**	**	**
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/04/71-03/21/84	3	0.3	0.333	0.5	0.2	0.023	0.153	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/80-03/21/84	3	4.5	4.267	4.8	3.5	0.463	0.681	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	08/04/71-03/21/84	3	647.	638.667	691.	578.	3244.333	56.959	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS Ca)	08/04/71-03/21/84	3	137.	130.333	148.	106.	474.333	21.779	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/04/71-03/21/84	3	75.	75.	77.	73.	4.	2.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS Na)	08/04/71-03/21/84	3	116.	123.133	138.4	115.	175.053	13.231	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	08/04/71-03/21/84	3	4.2	4.233	4.3	4.2	0.003	0.058	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	08/04/71-03/21/84	3	100.	98.	105.	89.	67.	8.185	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	08/04/71-03/21/84	3	468.	487.	575.	418.	6433.	80.206	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	01/04/74-03/21/84	3##	15.	186.667	530.	15.	88408.333	297.335	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	12/01/73-03/21/84	3##	5.	5.	5.	5.	0.	0.	**	**	**	**
31503p	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	08/04/71-03/21/84	3	1200.	1466.667	2800.	400.	149333.333	1222.02	**	**	**	**
31503p	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	08/04/71-03/21/84	3	3.079	3.043	3.447	2.602	0.18	0.424	**	**	**	**
31503p	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			1103.57								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/04/71-03/21/84	3##	20.	20.	20.	20.	0.	0.	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/04/71-03/21/84	3##	1.301	1.301	1.301	1.301	0.	0.	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			20.								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/04/71-03/21/84	3##	50.	133.333	300.	50.	20833.333	144.338	**	**	**	**
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/04/71-03/21/84	3##	1.699	1.958	2.477	1.699	0.202	0.449	**	**	**	**
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			90.856								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/15/77-03/21/84	3	1100.	1100.	1200.	1000.	10000.	100.	**	**	**	**
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/04/71-03/21/84	3	0.1	0.087	0.1	0.06	0.001	0.023	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	08/04/71-03/21/84	3##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

Station: SAM00028 Parameter Code: 00011

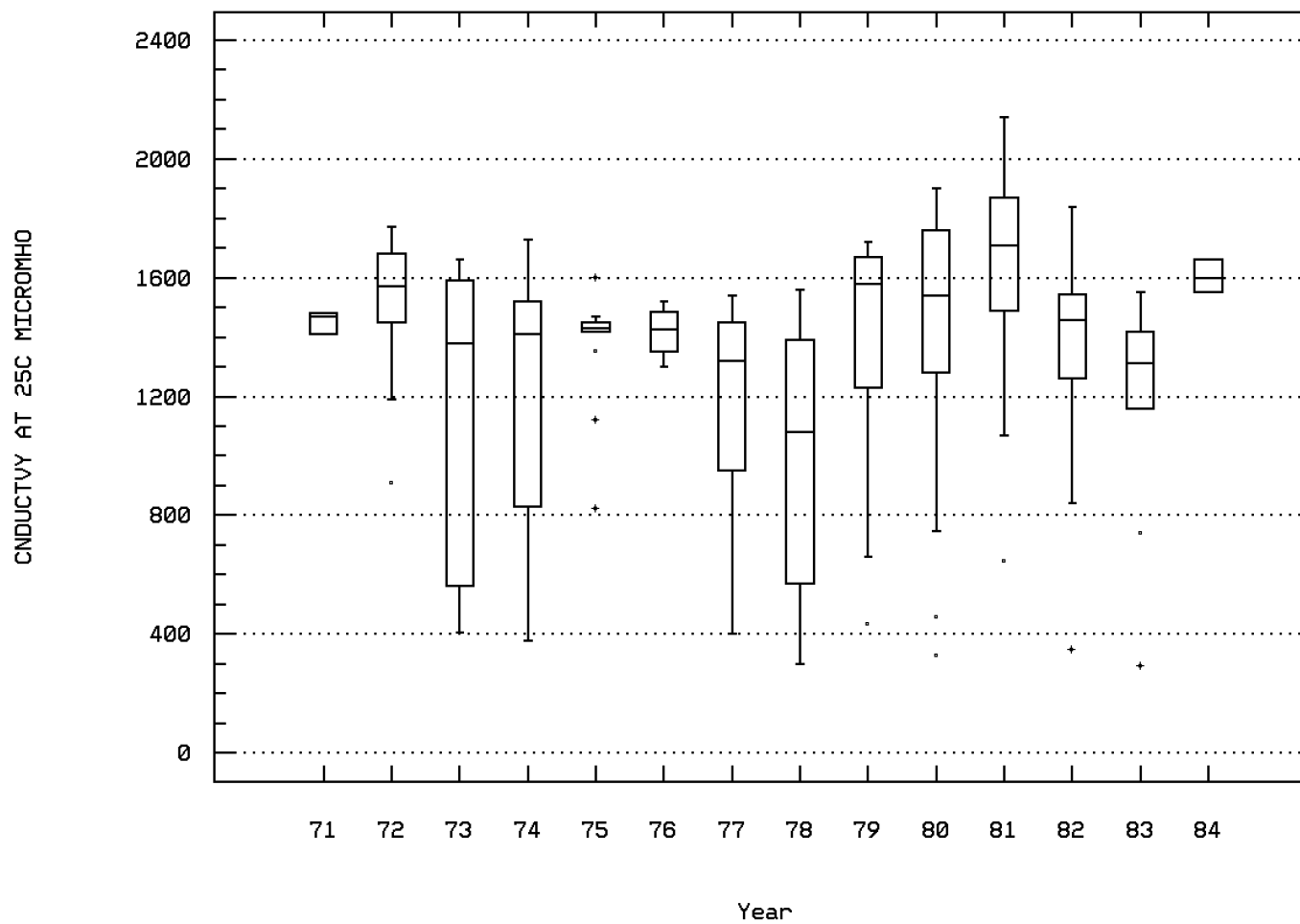
TEMPERATURE, WATER (DEGREES FAHRENHEIT)



TOPANGA CYN CREEK @ F54B-R

Station: SAM00028 Parameter Code: 00095

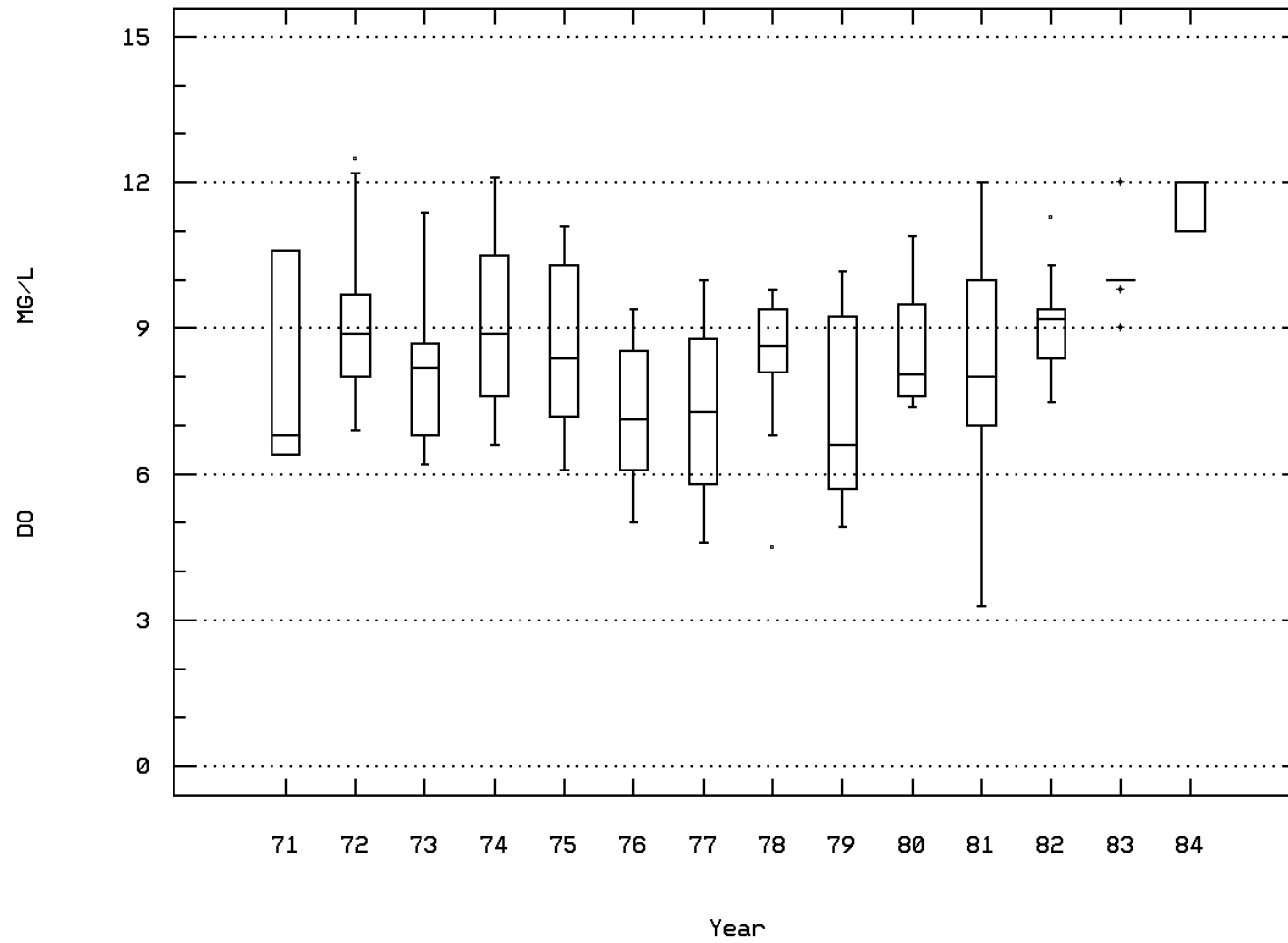
SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)



TOPANGA CYN CREEK @ F54B-R

Station: SAM00028 Parameter Code: 00300

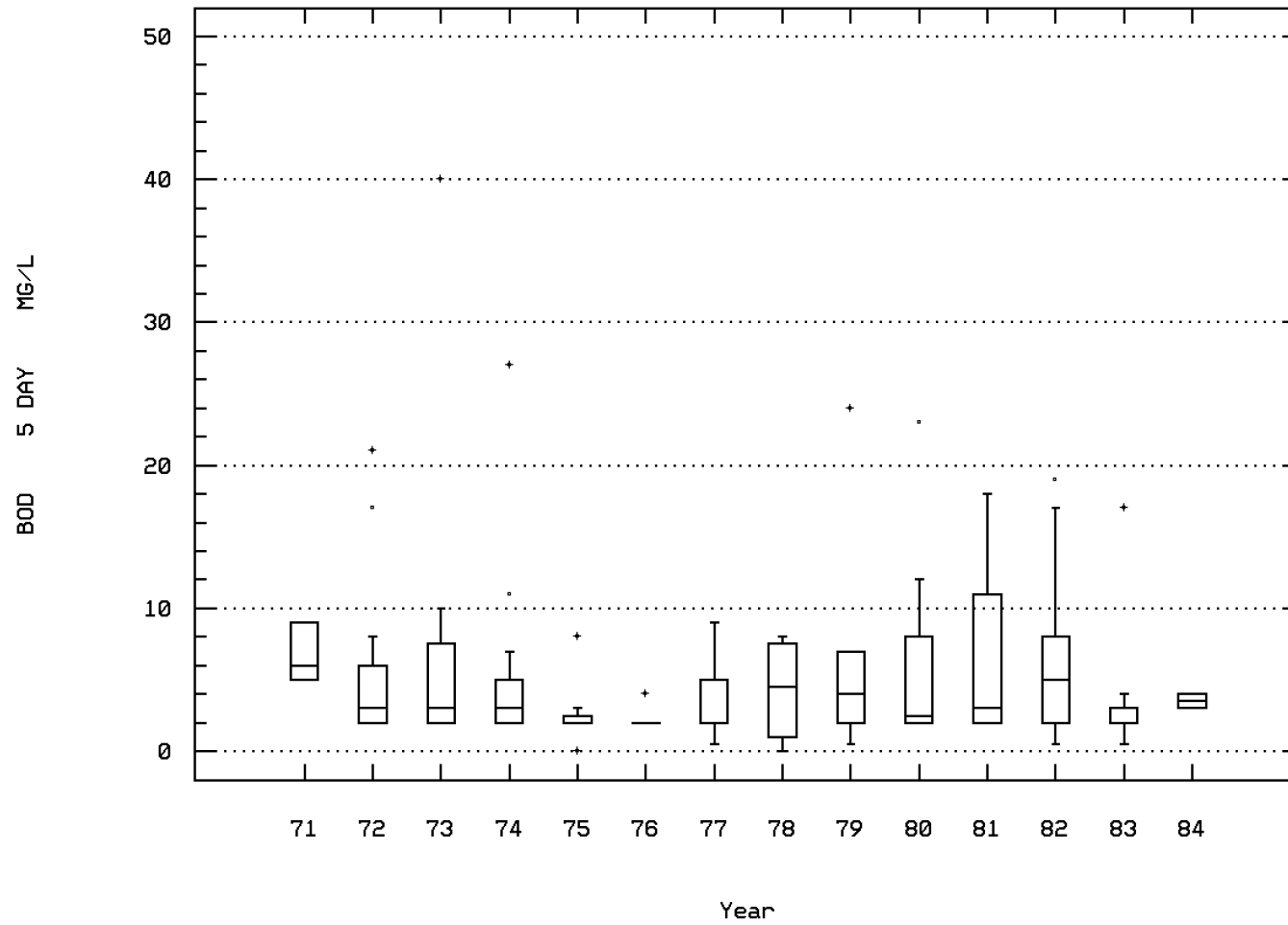
OXYGEN, DISSOLVED



TOPANGA CYN CREEK @ F54B-R

Station: SAM00028 Parameter Code: 00310

BOD, 5 DAY, 20 DEG C

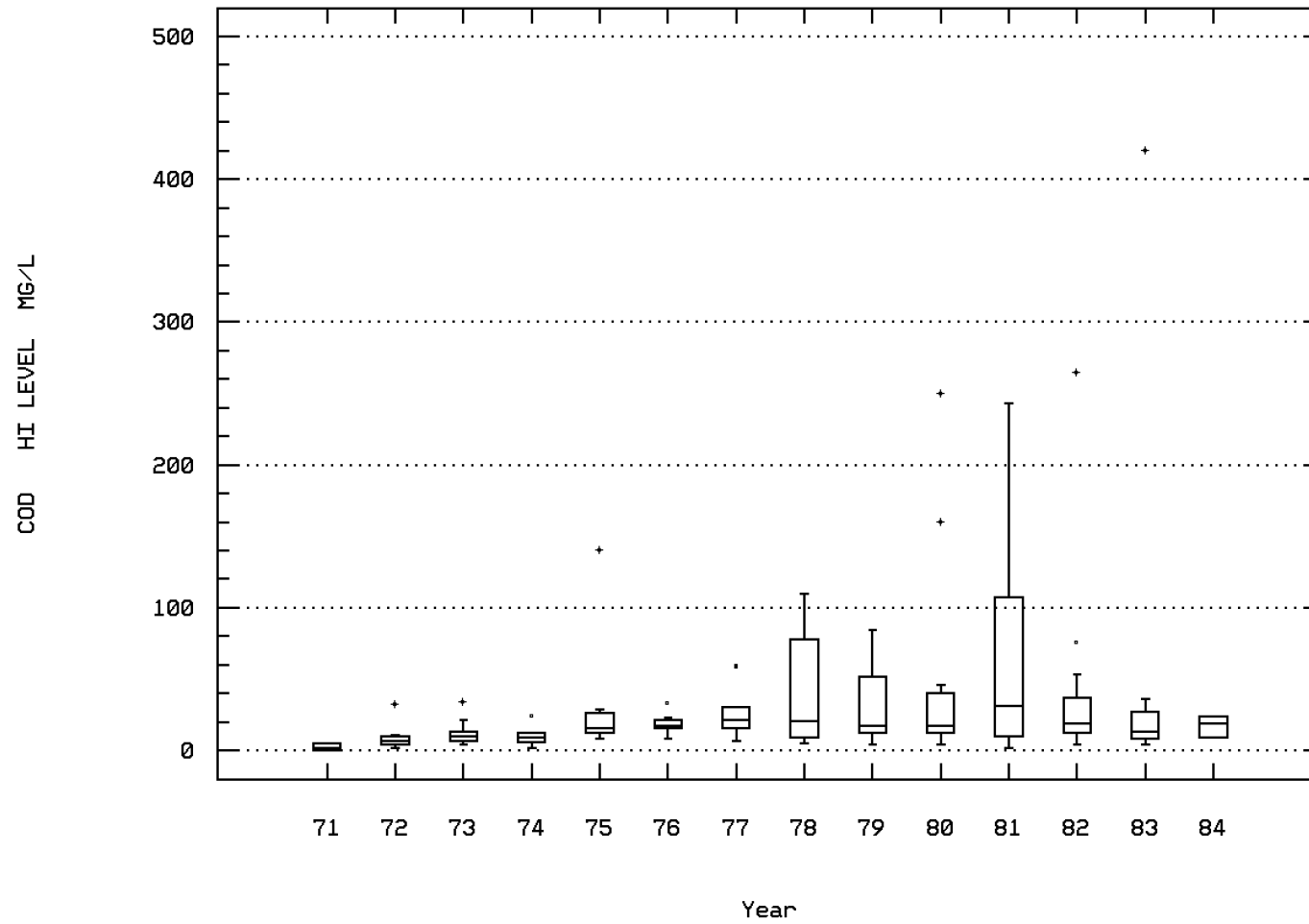


TOPANGA CYN CREEK @ F54B-R



Station: SAM00028 Parameter Code: 00340

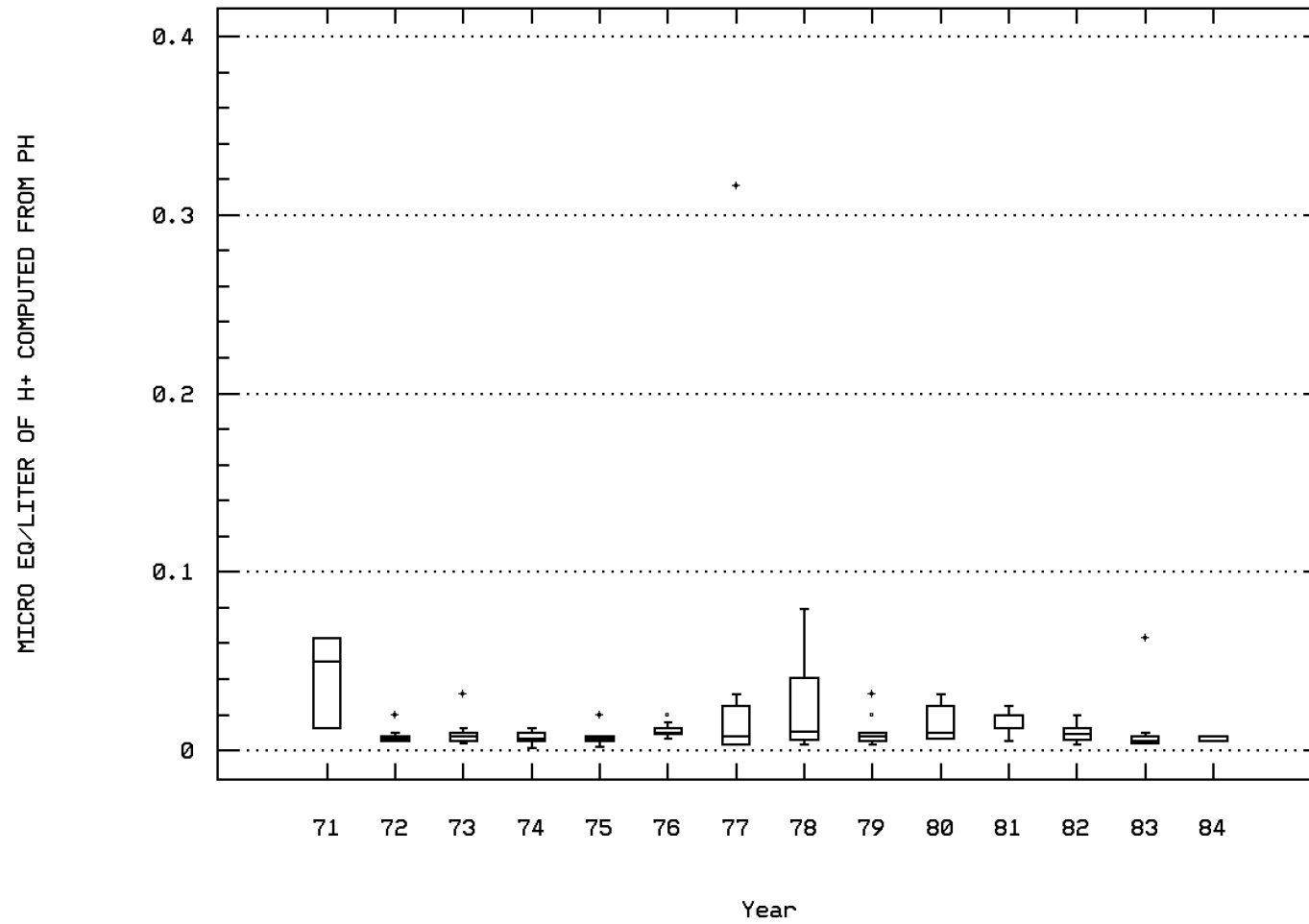
COD, .25N K2CR207



TOPANGA CYN CREEK @ F54B-R

Station: SAM00028 Parameter Code: 00403

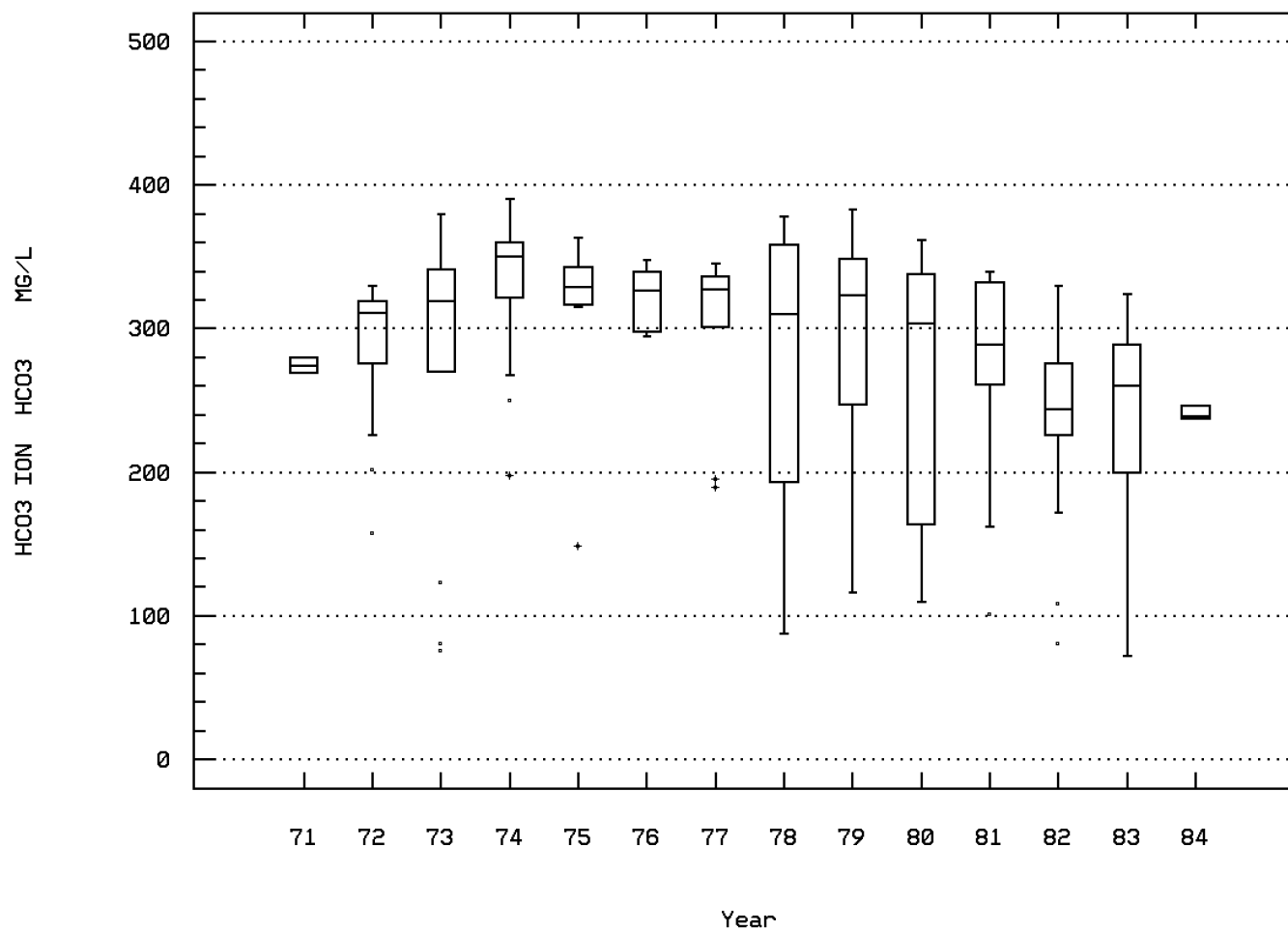
MICRO EQ/LITER OF H+ COMPUTED FROM PH



TOPANGA CYN CREEK @ F54B-R

Station: SAM00028 Parameter Code: 00440

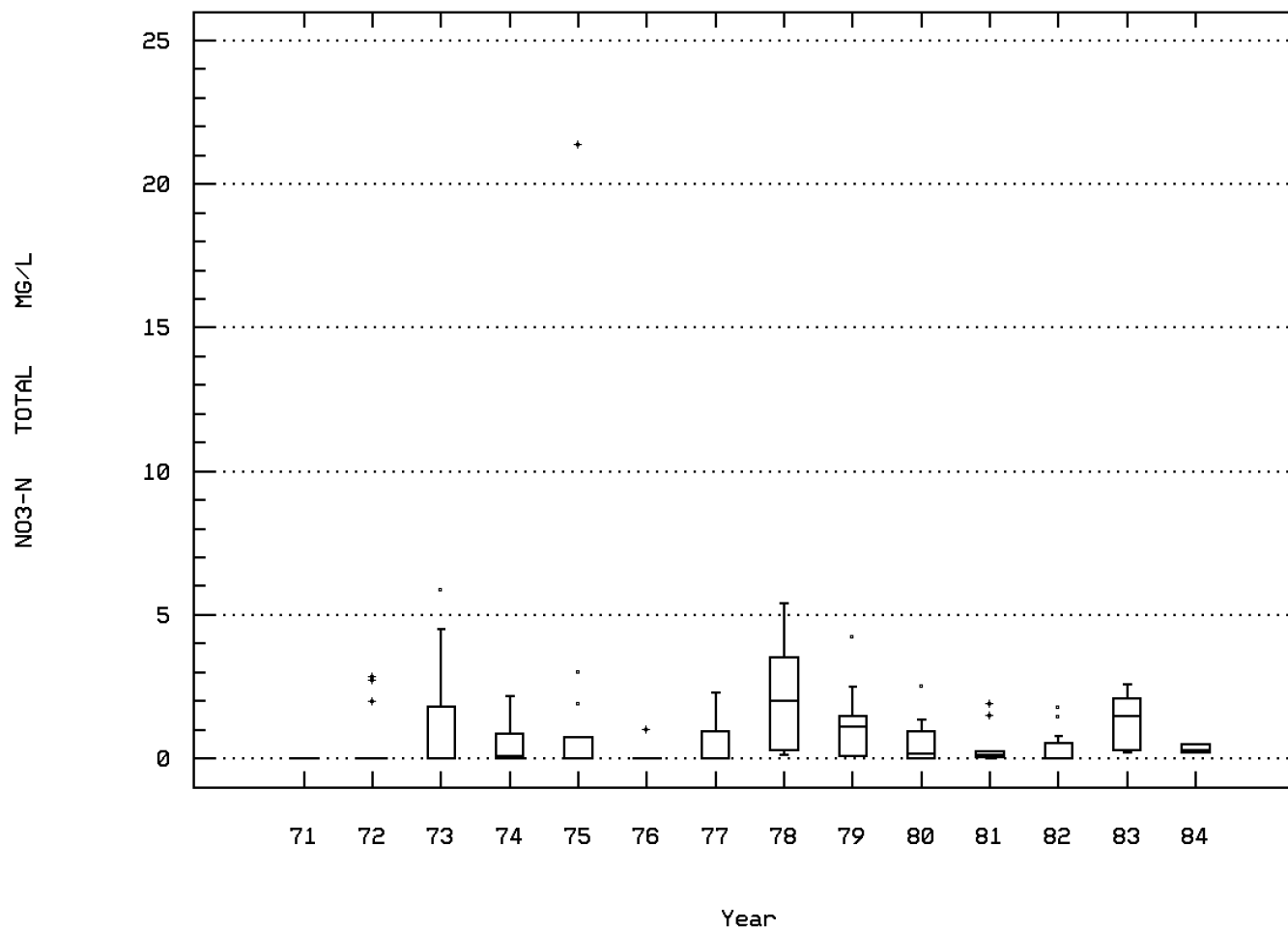
BICARBONATE ION (MG/L AS HCO<sub>3</sub>)



TOPANGA CYN CREEK @ F54B-R

Station: SAM00028 Parameter Code: 00620

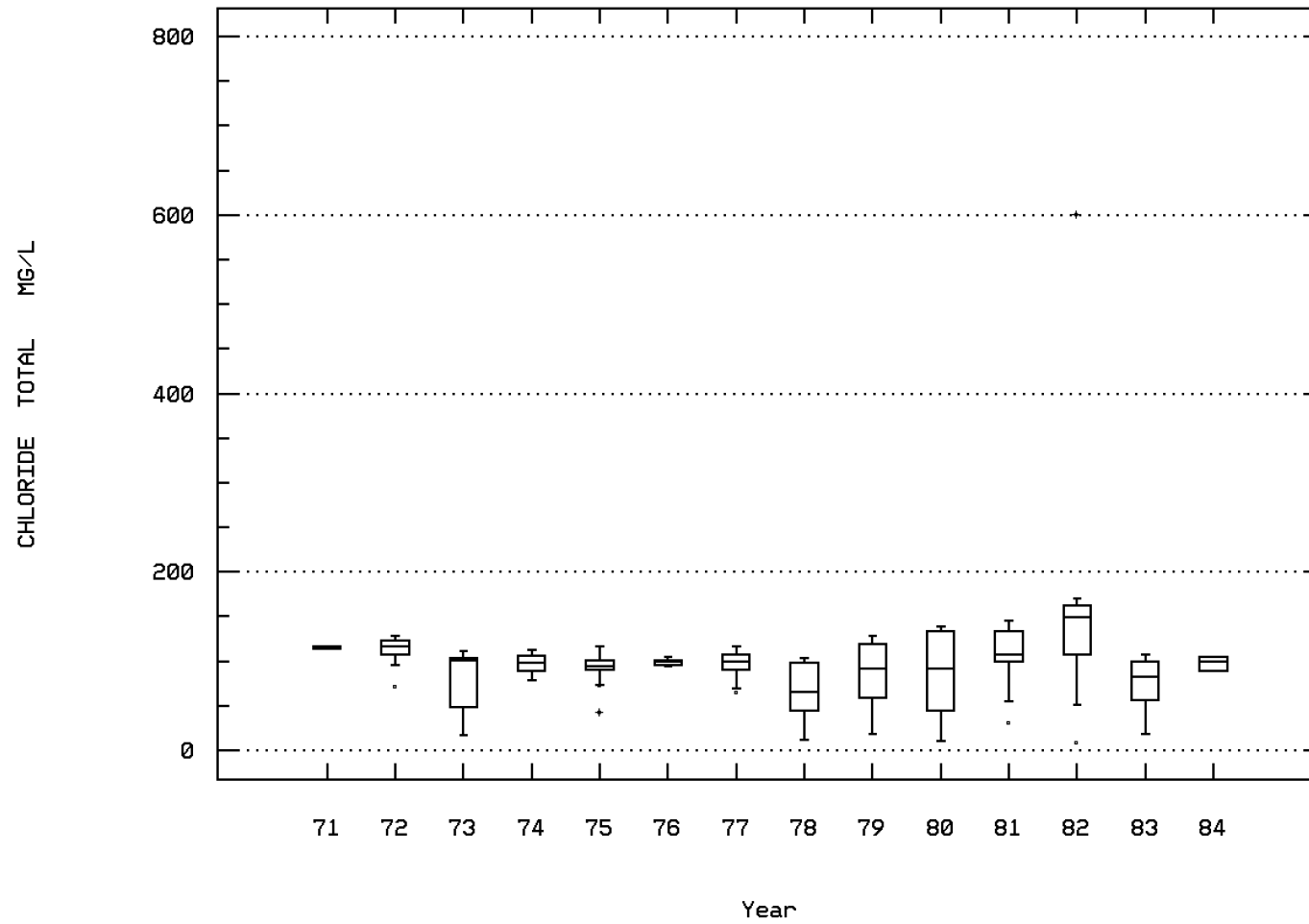
NITRATE NITROGEN, TOTAL (MG/L AS N)



TOPANGA CYN CREEK @ F54B-R

Station: SAM00028 Parameter Code: 00940

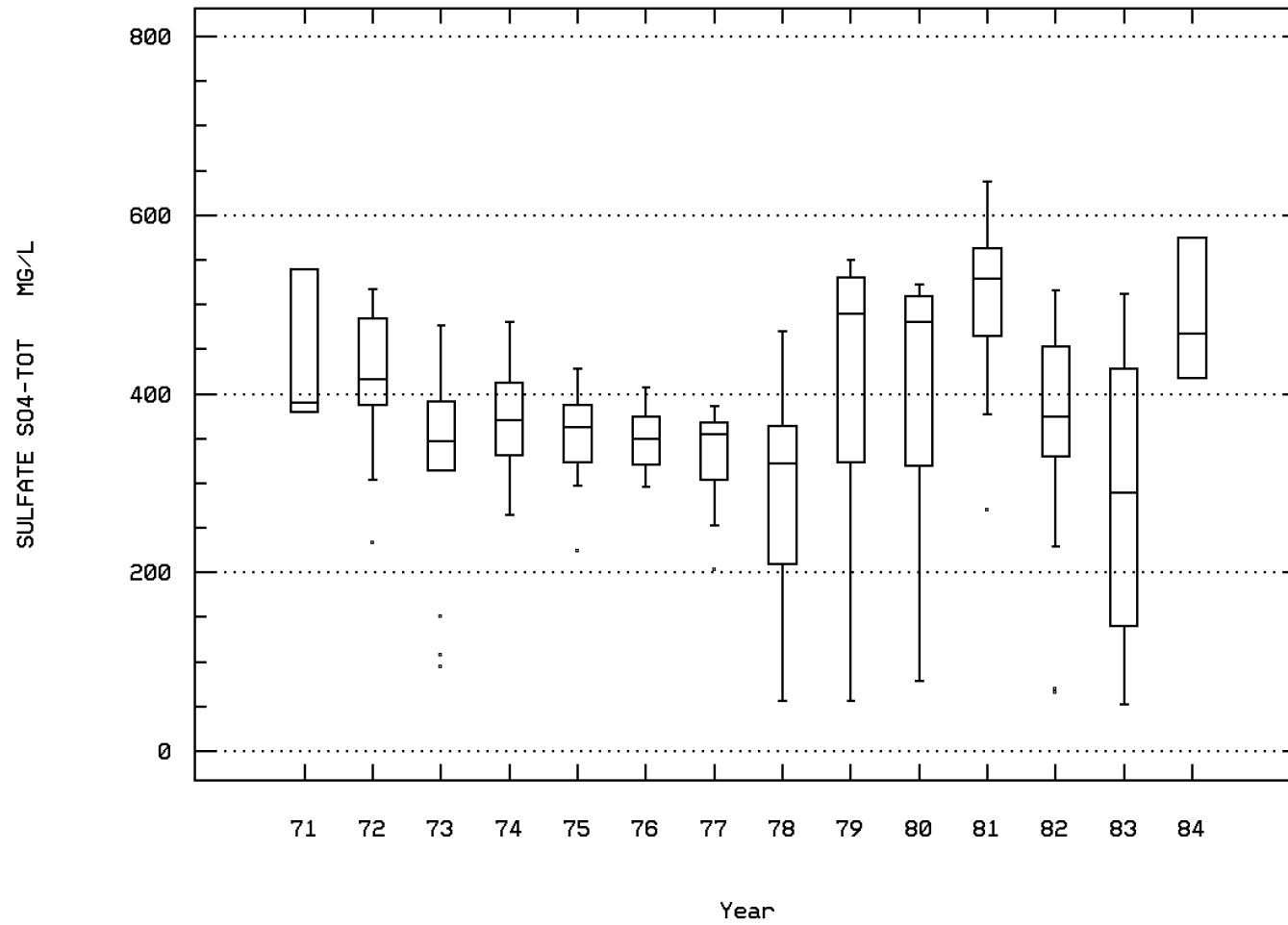
CHLORIDE, TOTAL IN WATER



TOPANGA CYN CREEK @ F54B-R

Station: SAM00028 Parameter Code: 00945

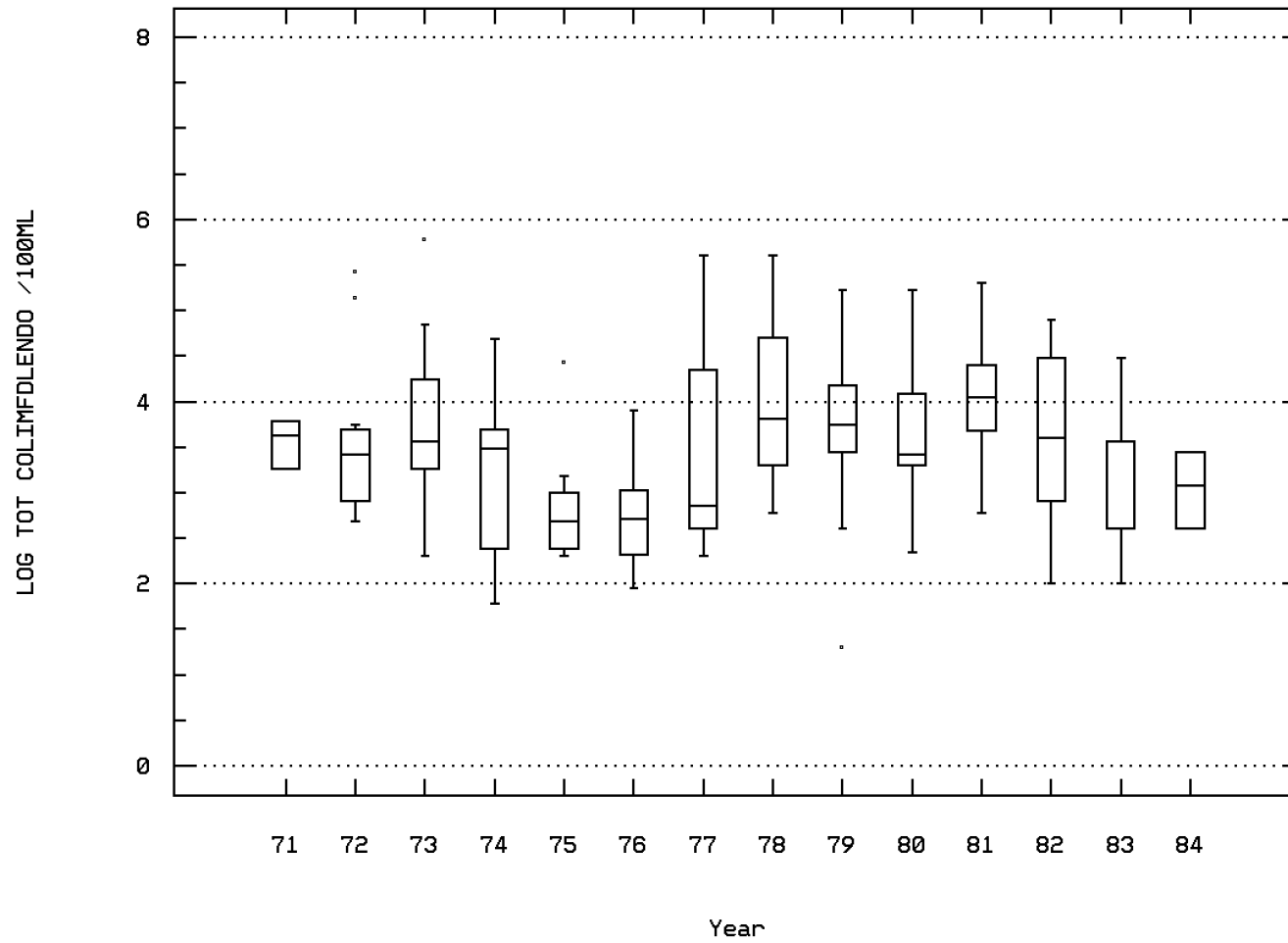
SULFATE, TOTAL (MG/L AS SO4)



TOPANGA CYN CREEK @ F54B-R

Station: SAM00028 Parameter Code: 31503

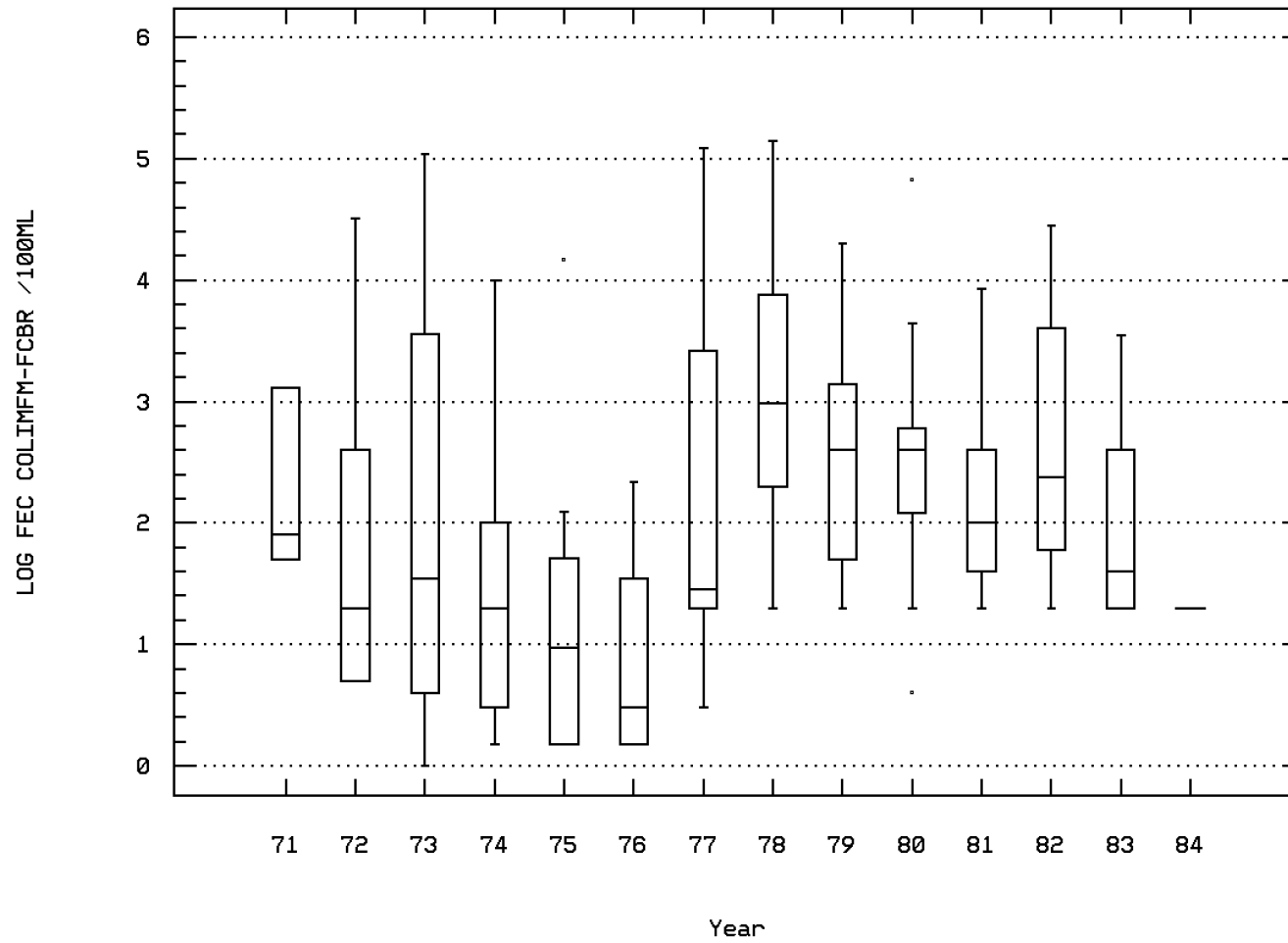
LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M



TOPANGA CYN CREEK @ F54B-R

Station: SAM00028 Parameter Code: 31616

LOG FECAL COLIFORM, MEMBR FILTER, M-FC BR

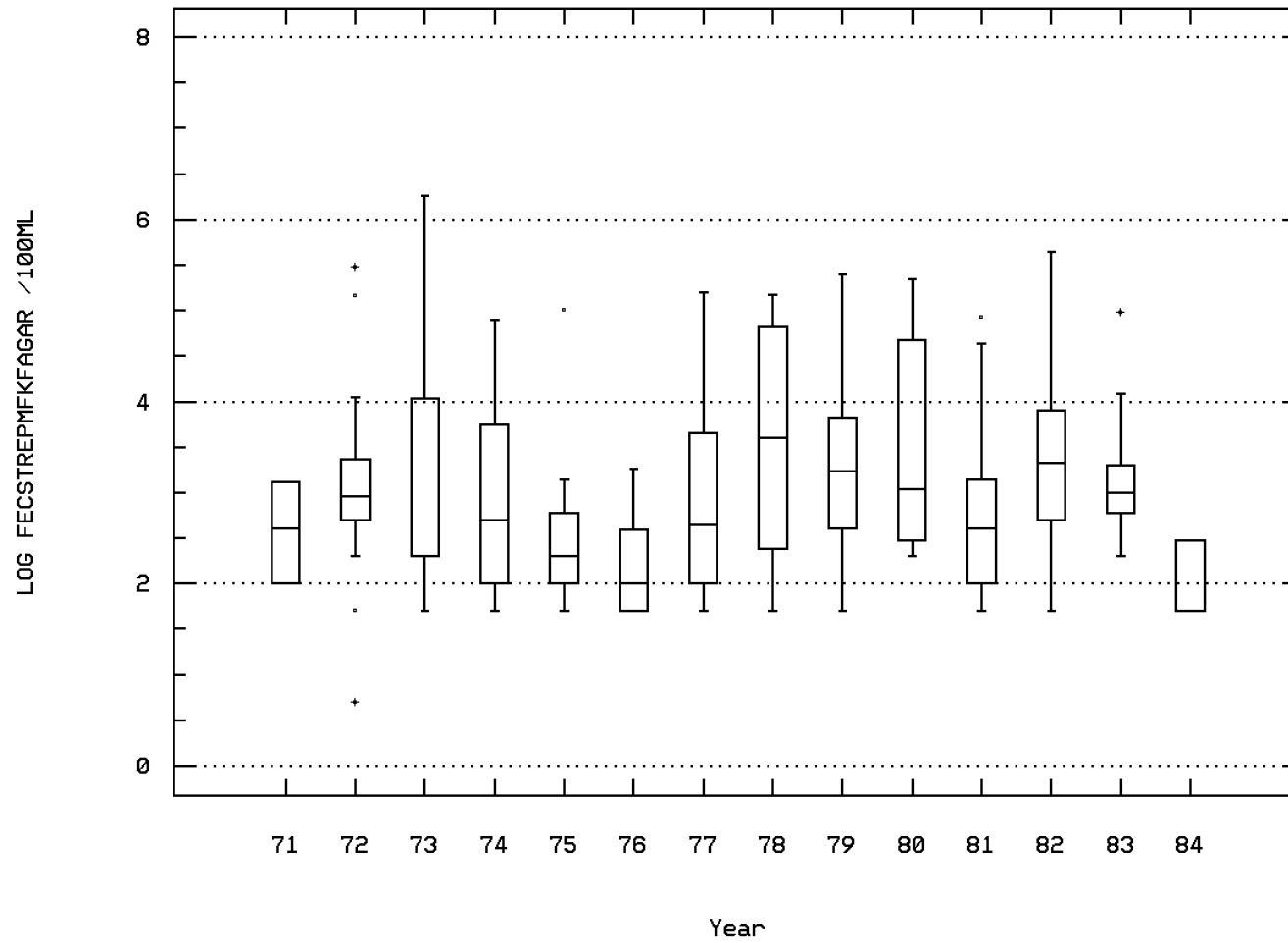


TOPANGA CYN CREEK @ F54B-R



Station: SAM00028 Parameter Code: 31673

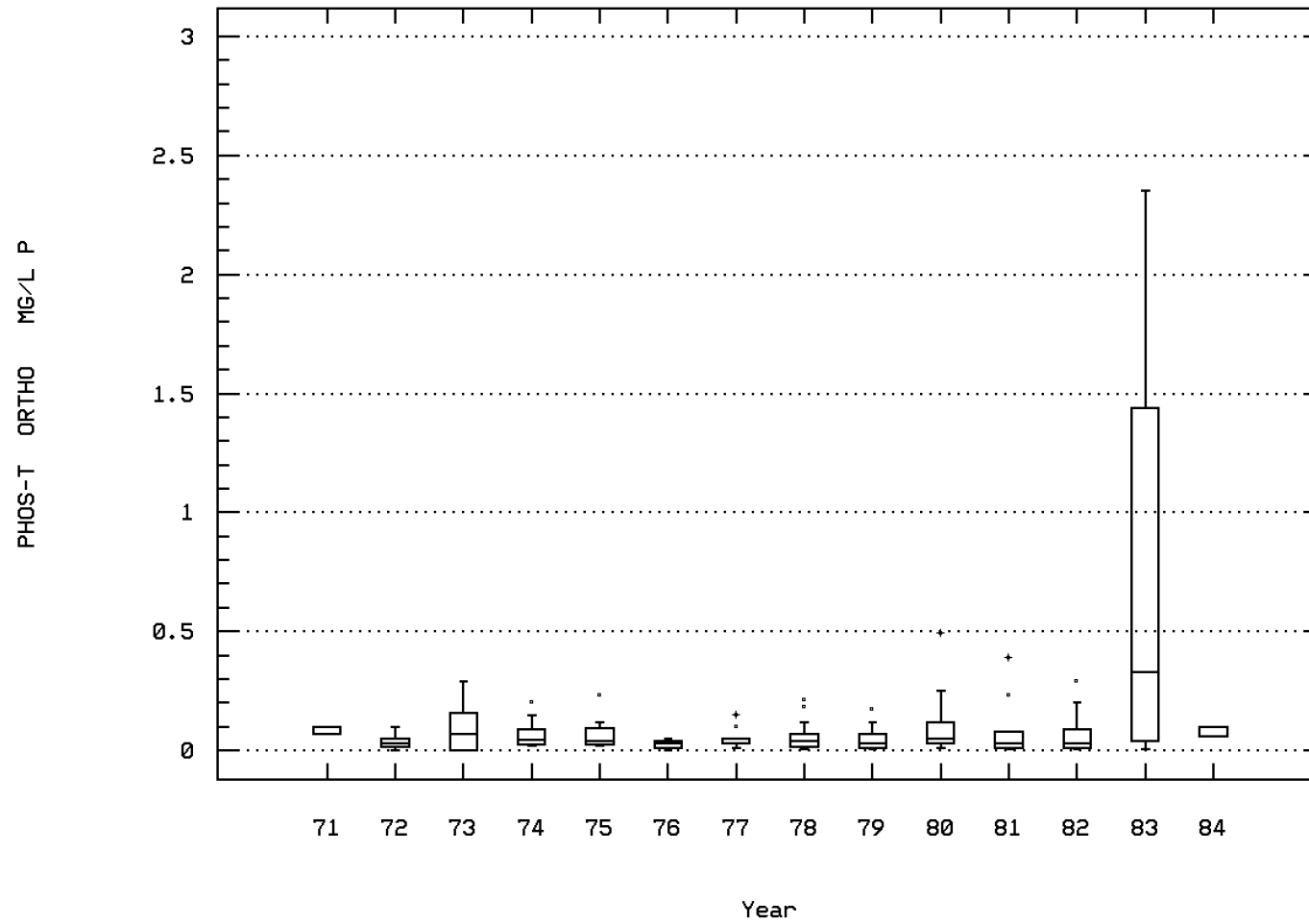
LOG FECAL STREPTOCOCCI, MBR FILT,KF AGA



TOPANGA CYN CREEK @ F54B-R

Station: SAM00028 Parameter Code: 70507

PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/



TOPANGA CYN CREEK @ F54B-R

### Seasonal Analysis for Season #1: 6/01 to 10/31 - Station SAMO0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/07/71-11/16/79	36	16.4	16.433	22.2	12.8	4.073	2.018	13.72	15.6	17.425	18.81
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/07/71-03/21/84	53	62.	62.208	73.	55.	15.735	3.967	58.	60.	64.	68.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/04/71-03/21/84	62	1450.	1470.194	1870.	1070.	26965.831	164.213	1303.	1367.5	1526.75	1717.
00300	OXYGEN, DISSOLVED MG/L	08/04/71-03/21/84	59	7.4	7.3	10.3	4.5	2.129	1.459	5.	6.3	8.3	9.4
00310	BOD, 5 DAY, 20 DEG C MG/L	08/04/71-03/21/84	59	2.	2.695	19.	0.	8.483	2.913	1.	1.	3.	6.
00340	COD, .25N K2CR2O7 MG/L	08/04/71-03/21/84	56	12.	18.216	140.	0.1	543.342	23.31	4.	6.	20.75	32.3
00403	PH, LAB, STANDARD UNITS SU	08/04/71-03/21/84	61	8.1	8.066	8.5	7.2	0.073	0.27	7.7	7.9	8.25	8.38
00403	CONVERTED PH, LAB, STANDARD UNITS	08/04/71-03/21/84	61	8.1	7.965	8.5	7.2	0.083	0.289	7.7	7.9	8.25	8.38
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/71-03/21/84	61	0.008	0.011	0.063	0.003	0.	0.01	0.004	0.006	0.013	0.02
00440	BICARBONATE ION (MG/L AS HCO3)	08/04/71-03/21/84	59	319.	314.525	383.	200.	1436.323	37.899	259.	295.	342.	355.
00445	CARBONATE ION (MG/L AS CO3)	08/04/71-04/17/79	32	0.	0.875	12.	0.	8.242	2.871	0.	0.	0.	4.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/11/72-01/24/83	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/04/71-11/16/79	42	0.	0.03	0.16	0.	0.002	0.046	0.	0.	0.04	0.107
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/04/71-03/21/84	59	0.01	0.518	21.37	0.	7.81	2.795	0.	0.	0.115	0.48
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	08/04/71-03/21/84	52	538.	560.577	764.	420.	8081.308	89.896	468.6	500.75	614.5	713.
00916	CALCIUM, TOTAL (MG/L AS Ca)	08/04/71-03/21/84	52	116.	124.206	212.2	66.	845.255	29.073	100.	107.	145.5	159.
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/04/71-03/21/84	52	61.1	60.727	79.	12.	123.505	11.113	49.12	54.4	68.8	73.48
00929	SODIUM, TOTAL (MG/L AS Na)	08/04/71-03/21/84	52	118.	122.385	200.	78.7	617.475	24.849	88.63	107.25	130.	162.8
00937	POTASSIUM, TOTAL MG/L AS K)	08/04/71-03/21/84	52	4.5	4.623	7.	3.6	0.653	0.808	3.8	4.	5.	6.
00940	CHLORIDE,TOTAL IN WATER MG/L	08/04/71-03/21/84	59	104.	110.627	163.	82.	333.065	18.25	95.	99.	119.	135.
00945	SULFATE, TOTAL (MG/L AS SO4)	08/04/71-03/21/84	60	377.5	395.567	600.	140.	7124.08	84.404	318.2	340.25	456.75	523.6
00951	FLUORIDE, TOTAL (MG/L AS F)	04/03/72-03/21/84	4	1.14	1.12	1.7	0.5	0.242	0.492	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	12/01/73-11/10/82	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	12/01/73-03/21/84	14	56.	61.643	100.	29.	563.632	23.741	34.	40.75	89.25	98.5
01027	CADMIUM, TOTAL (UG/L AS CD)	12/01/73-03/21/84	14 ##	0.5	1.286	6.	0.5	2.22	1.49	0.5	0.5	2.	4.
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	12/27/77-03/21/84	13 ##	25.	27.615	159.	5.	1655.59	40.689	5.	5.	25.	105.4
01034	CHROMIUM, TOTAL (UG/L AS CR)	12/01/73-03/21/84	14 ##	5.	11.464	100.	2.5	650.018	25.495	2.75	5.	5.	52.5
01042	COPPER, TOTAL (UG/L AS CU)	12/01/73-03/21/84	14 ##	5.	13.5	59.	5.	267.038	16.341	5.	5.	15.5	49.5
01045	IRON, TOTAL (UG/L AS FE)	01/04/74-03/21/84	28	100.	171.286	790.	10.	47918.286	218.902	15.	47.	195.	699.8
01051	LEAD, TOTAL (UG/L AS PB)	12/01/73-03/21/84	14 ##	5.	10.071	50.	5.	141.148	11.881	5.	5.	11.25	31.
01055	MANGANESE, TOTAL (UG/L AS MN)	12/01/73-03/21/84	28	39.	117.143	1180.	0.	55388.275	235.347	5.	25.	105.5	333.5
01067	NICKEL, TOTAL (UG/L AS NI)	12/01/73-03/21/84	14 ##	5.	12.286	86.	5.	465.451	21.574	5.	5.	7.	52.
01077	SILVER, TOTAL (UG/L AS AG)	12/01/73-03/21/84	14 ##	4.	3.393	5.	0.5	3.353	1.831	0.5	1.75	5.	5.
01092	ZINC, TOTAL (UG/L AS ZN)	12/01/73-03/21/84	14 ##	50.	43.714	133.	3.5	1497.72	38.7	3.5	5.	50.	121.5
01147	SELENIUM, TOTAL (UG/L AS SE)	12/01/73-01/28/81	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	08/04/71-03/21/84	58	1750.	9564.655	400000.	10.	2728981867.423	52239.658	196.	460.	4500.	7820.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	08/04/71-03/21/84	58	3.243	3.138	5.602	1.	0.533	0.73	2.291	2.661	3.653	3.893
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	08/04/71-03/21/84	57	25.	1374.754	122000.	1.	260608545.697	16143.375	3.	15.	110.	440.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/04/71-03/21/84	57	1.398	1.596	5.086	0.	0.829	0.911	0.477	1.176	2.04	2.637
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/04/71-03/21/84	59	700.	2888.983	114000.	50.	217795609.293	14757.9	100.	200.	1400.	2100.
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/04/71-03/21/84	59	2.845	2.761	5.057	1.699	0.372	0.61	2.	2.301	3.146	3.322
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/04/71-03/21/84	59	700.	2888.983	114000.	50.	217795609.293	14757.9	100.	200.	1400.	2100.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/15/77-03/21/84	33	1024.	1082.273	1356.	700.	33805.642	183.863	913.8	951.	1266.	1341.4
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/04/71-04/17/79	28	1093.	1114.821	1450.	971.	9283.041	96.349	1011.1	1053.	1147.5	1226.6
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/04/71-03/21/84	59	0.03	0.067	1.44	0.	0.036	0.189	0.005	0.02	0.05	0.11
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	08/04/71-03/06/80	41	0.	0.407	7.5	0.	1.671	1.293	0.	0.	0.375	0.5
71900	MERCURY, TOTAL (UG/L AS HG)	08/04/71-03/21/84	56 ##	0.5	2.539	40.	0.	41.43	6.437	0.035	0.05	0.875	5.

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #2: 11/01 to 2/29 - Station SAMO0028

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/07/71-11/16/79	45	10.	9.738	19.7	3.3	9.758	3.124	5.6	7.8	12.2	13.3
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/07/71-03/21/84	66	50.	50.977	69.	38.	37.449	6.12	43.	46.75	54.	56.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #2: 11/01 to 2/29 - Station SAMO0028

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/04/71-03/21/84	86	1230.	1147.43	2140.	290.	238326.154	488.187	405.1	653.25	1555.	1703.
00300	OXYGEN, DISSOLVED MG/L	08/04/71-03/21/84	56	9.4	9.307	12.5	3.3	3.348	1.83	6.8	8.1	10.575	12.
00310	BOD, 5 DAY, 20 DEG C MG/L	08/04/71-03/21/84	70	3.	5.586	40.	0.	49.478	7.034	1.	1.75	8.	16.5
00340	COD, .25N K2CR2O7 MG/L	08/04/71-03/21/84	61	17.	44.705	420.	2.	4968.378	70.487	4.2	8.5	50.5	109.8
00403	PH, LAB, STANDARD UNITS SU	08/04/71-03/21/84	78	8.1	7.949	8.9	6.5	0.188	0.434	7.29	7.7	8.3	8.3
00403	CONVERTED PH, LAB, STANDARD UNITS	08/04/71-03/21/84	78	8.1	7.633	8.9	6.5	0.289	0.538	7.29	7.7	8.3	8.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/71-03/21/84	78	0.008	0.023	0.316	0.001	0.003	0.051	0.005	0.005	0.02	0.051
00440	BICARBONATE ION (MG/L AS HCO3)	08/04/71-03/21/84	70	280.5	257.829	390.	72.	8330.695	91.273	110.	194.25	334.5	362.
00445	CARBONATE ION (MG/L AS CO3)	08/04/71-04/17/79	32	0.	1.719	45.	0.	65.499	8.093	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/11/72-01/24/83	15	1130.	1401.067	4140.	133.	1704246.352	1305.468	142.	260.	1920.	4113.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/04/71-11/16/79	48	0.	0.107	1.4	0.	0.073	0.271	0.	0.	0.045	0.362
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/04/71-03/21/84	67	0.68	1.208	5.85	0.	2.234	1.495	0.	0.005	2.02	3.304
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	08/04/71-03/21/84	68	523.	491.794	964.	135.	32718.047	180.881	208.5	347.25	609.5	706.
00916	CALCIUM, TOTAL (MG/L AS Ca)	08/04/71-03/21/84	68	111.5	112.45	226.	31.	1775.714	42.139	57.6	80.	135.95	170.43
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/04/71-03/21/84	68	57.7	51.322	102.	10.	441.47	21.011	18.68	33.7	67.	75.56
00929	SODIUM, TOTAL (MG/L AS Na)	08/04/71-03/21/84	67	104.	96.649	167.	14.	1449.155	38.068	31.2	77.	121.7	140.
00937	POTASSIUM, TOTAL MG/L AS K)	08/04/71-03/21/84	67	4.5	5.562	20.3	1.8	8.378	2.895	3.9	4.	6.	8.
00940	CHLORIDE, TOTAL IN WATER MG/L	08/04/71-03/21/84	70	96.5	92.057	600.	10.	5066.373	71.178	25.7	54.75	110.	128.9
00945	SULFATE, TOTAL (MG/L AS SO4)	08/04/71-03/21/84	70	339.5	332.686	638.	52.	20971.871	144.817	95.4	232.	420.5	520.9
00951	FLUORIDE, TOTAL (MG/L AS F)	04/03/72-03/21/84	21	0.48	0.478	1.	0.1	0.042	0.204	0.2	0.335	0.6	0.7
01002	ARSENIC, TOTAL (UG/L AS AS)	12/01/73-11/10/82	16	6.	60.188	396.	1.	16264.696	127.533	1.7	2.	22.	369.4
01007	BARIUM, TOTAL (UG/L AS BA)	12/01/73-03/21/84	24	79.5	377.958	1960.	19.	312036.042	558.602	44.	50.5	481.25	1600.
01027	CADMIUM, TOTAL (UG/L AS CD)	12/01/73-03/21/84	28 ##	5.	7.089	24.	0.5	51.594	7.183	0.5	0.5	15.	15.3
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	12/27/77-03/21/84	24 ##	5.	10.292	25.	2.5	94.237	9.708	2.5	3.125	25.	25.
01034	CHROMIUM, TOTAL (UG/L AS CR)	12/01/73-03/21/84	28	19.	59.036	470.	5.	12109.813	110.045	5.	5.	47.5	198.5
01042	COPPER, TOTAL (UG/L AS CU)	12/01/73-03/21/84	28 ##	10.	44.071	240.	5.	3883.106	62.315	5.	5.	57.5	128.3
01045	IRON, TOTAL (UG/L AS FE)	01/04/74-03/21/84	40	579.5	8399.55	53200.	15.	196289428.613	14010.333	60.2	154.25	12025.	36220.
01051	LEAD, TOTAL (UG/L AS PB)	12/01/73-03/21/84	28 ##	25.	46.75	400.	5.	7292.639	85.397	5.	5.	27.5	184.
01055	MANGANESE, TOTAL (UG/L AS MN)	12/01/73-03/21/84	43	160.	584.94	5720.	5.	1383101.148	1176.053	10.	30.	600.	1712.
01067	NICKEL, TOTAL (UG/L AS NI)	12/01/73-03/21/84	28	16.	71.107	460.	5.	13579.877	116.533	5.	10.5	81.	283.
01077	SILVER, TOTAL (UG/L AS AG)	12/01/73-03/21/84	28 ##	5.	6.107	10.	0.5	11.525	3.395	1.	5.	10.	10.
01092	ZINC, TOTAL (UG/L AS ZN)	12/01/73-03/21/84	28	86.	131.339	850.	3.5	29041.094	170.414	3.5	30.75	190.75	340.
01147	SELENIUM, TOTAL (UG/L AS SE)	12/01/73-01/28/81	15	4.	15.827	155.	0.2	1560.752	39.506	0.5	2.	6.	84.2
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	08/04/71-03/21/84	71	4000.	39776.62	600000.	20.	9392830311.268	96916.615	240.	720.	27000.	132000.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	08/04/71-03/21/84	71	3.602	3.683	5.778	1.301	0.97	0.985	2.361	2.857	4.431	5.12
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	08/04/71-03/21/84	69	125.	4820.674	140000.	1.	521702837.183	22840.815	1.5	20.	4100.	16500.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/04/71-03/21/84	69	2.097	2.368	5.146	0.	1.876	1.37	0.176	1.301	3.612	4.217
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/04/71-03/21/84	71	600.	74329.014	1840000.	10.62522513954.728	250045.024	50.	100.	57000.	157200.	
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/04/71-03/21/84	71	2.778	3.241	6.265	1.	2.055	1.434	1.699	2.	4.756	5.196
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/04/71-03/21/84	71	2.778	3.241	6.265	1.	2.055	1.434	1.699	2.	4.756	5.196
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/15/77-03/21/84	30	990.	977.767	1452.	210.	101708.323	318.917	473.1	847.75	1214.	1348.4
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/04/71-04/17/79	32	1079.5	996.313	1400.	292.	77566.415	278.507	480.	872.	1171.25	1290.
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/04/71-03/21/84	60	0.055	0.131	1.47	0.005	0.065	0.254	0.01	0.03	0.12	0.257
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	08/04/71-03/06/80	48	3.6	6.167	25.9	0.	54.54	7.385	0.	0.	10.75	18.83
71900	MERCURY, TOTAL (UG/L AS HG)	08/04/71-03/21/84	61 ##	0.5	1.58	7.	0.	3.776	1.943	0.05	0.5	2.5	5.

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #3: 3/01 to 5/31 - Station SAMO0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/07/71-11/16/79	24	12.8	12.342	16.7	6.1	6.2	2.49	8.05	11.7	13.75	15.3
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/07/71-03/21/84	36	55.	54.611	63.	43.	23.33	4.83	47.7	50.75	58.	60.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/04/71-03/21/84	41	1450.	1316.22	1770.	347.	146924.076	383.307	708.8	1080.	1570.	1660.
00300	OXYGEN, DISSOLVED MG/L	08/04/71-03/21/84	31	9.4	9.232	11.4	6.1	1.208	1.099	7.86	8.6	9.8	10.74

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #3: 3/01 to 5/31 - Station SAMO0028

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00310 BOD, 5 DAY, 20 DEG C MG/L	08/04/71-03/21/84	37	2.	3.351	24.	1.	22.512	4.745	1.	1.	3.	9.4
00340 COD, .25N K2CR2O7 MG/L	08/04/71-03/21/84	37	16.	25.649	264.	2.	1864.179	43.176	7.6	9.5	21.	43.6
00403 PH, LAB, STANDARD UNITS SU	08/04/71-03/21/84	36	8.2	8.164	8.7	7.5	0.06	0.245	7.84	8.	8.3	8.5
00403 CONVERTED PH, LAB, STANDARD UNITS	08/04/71-03/21/84	36	8.2	8.09	8.7	7.5	0.066	0.256	7.84	8.	8.3	8.5
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/71-03/21/84	36	0.006	0.008	0.032	0.002	0.	0.006	0.003	0.005	0.01	0.015
00440 BICARBONATE ION (MG/L AS HCO3)	08/04/71-03/21/84	37	316.	288.324	378.	80.	5707.447	75.548	155.2	266.5	341.	353.
00445 CARBONATE ION (MG/L AS CO3)	08/04/71-04/17/79	19	0.	3.947	32.	0.	92.497	9.618	0.	0.	0.	24.
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/11/72-01/24/83	4	1048.	1710.5	4710.	36.	4780750.333	2186.493	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/04/71-11/16/79	24	0.02	0.05	0.39	0.	0.008	0.09	0.	0.	0.066	0.17
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	08/04/71-03/21/84	35	0.5	0.94	3.93	0.	1.059	1.029	0.	0.	1.75	2.338
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	08/04/71-03/21/84	31	556.	504.452	711.	158.	25498.456	159.682	204.8	430.	616.	679.8
00916 CALCIUM, TOTAL (MG/L AS Ca)	08/04/71-03/21/84	31	122.	112.558	179.	47.	1059.839	32.555	55.84	83.6	131.	151.38
00927 MAGNESIUM, TOTAL (MG/L AS MG)	08/04/71-03/21/84	31	60.5	57.142	117.	6.6	438.236	20.934	21.78	51.9	68.	73.74
00929 SODIUM, TOTAL (MG/L AS NA)	08/04/71-03/21/84	33	111.	101.785	167.	19.2	1489.633	38.596	30.2	78.4	122.5	154.4
00937 POTASSIUM, TOTAL MG/L AS K)	08/04/71-03/21/84	33	4.1	5.148	39.5	0.6	39.14	6.256	3.	3.85	4.5	5.26
00940 CHLORIDE, TOTAL IN WATER MG/L	08/04/71-03/21/84	37	86.	81.027	170.	8.	965.916	31.079	30.	65.	99.5	113.6
00945 SULFATE, TOTAL (MG/L AS SO4)	08/04/71-03/21/84	37	432.	387.946	563.	65.	15362.219	123.944	173.	339.	471.	511.2
00951 FLUORIDE, TOTAL (MG/L AS F)	04/03/72-03/21/84	10	0.39	0.412	1.	0.	0.106	0.326	0.004	0.061	0.68	0.974
01002 ARSENIC, TOTAL (UG/L AS AS)	12/01/73-11/10/82	3	5.	5.167	10.	0.5	22.583	4.752	**	**	**	**
01007 BARIUM, TOTAL (UG/L AS BA)	12/01/73-03/21/84	11	120.	624.636	4200.	41.	1586466.855	1259.55	41.	81.	290.	3664.
01027 CADMIUM, TOTAL (UG/L AS CD)	12/01/73-03/21/84	12 ##	1.75	4.5	15.	0.5	30.318	5.506	0.5	0.5	7.5	15.
01032 CHROMIUM, HEXAVALENT (UG/L AS CR)	12/27/77-03/21/84	10 ##	25.	16.251	25.	0.005	129.496	11.38	0.255	4.375	25.	25.
01034 CHROMIUM, TOTAL (UG/L AS CR)	12/01/73-03/21/84	12 ##	8.5	98.833	672.	5.	43198.333	207.842	5.	5.	39.5	581.4
01042 COPPER, TOTAL (UG/L AS CU)	12/01/73-03/21/84	12	15.	28.417	157.	5.	1847.356	42.981	5.	5.	28.25	126.4
01045 IRON, TOTAL (UG/L AS FE)	01/04/74-03/21/84	21	350.	10650.714	137000.	15.	964980193.214	31064.13	32.	120.	2340.	43040.
01051 LEAD, TOTAL (UG/L AS PB)	12/01/73-03/21/84	11 ##	5.	30.909	100.	5.	1259.891	35.495	5.	5.	67.	96.
01055 MANGANESE, TOTAL (UG/L AS MN)	12/01/73-03/21/84	20	75.	229.35	2220.	5.	244606.029	494.577	15.5	31.	153.	592.
01067 NICKEL, TOTAL (UG/L AS NI)	12/01/73-03/21/84	11	15.	92.818	538.	5.	29638.964	172.16	5.	5.	50.	492.4
01077 SILVER, TOTAL (UG/L AS AG)	12/01/73-03/21/84	11 ##	5.	4.409	10.	0.5	9.191	3.032	0.5	0.5	5.	9.6
01092 ZINC, TOTAL (UG/L AS ZN)	12/01/73-03/21/84	11	70.	120.409	542.	3.5	23751.541	154.115	6.8	20.	140.	479.6
01147 SELENIUM, TOTAL (UG/L AS SE)	12/01/73-01/28/81	3 ##	0.4	1.233	3.	0.3	2.343	1.531	**	**	**	**
31503 COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	08/04/71-03/21/84	37	2000.	13819.189	200000.	100.	1287865957.658	35886.849	228.	600.	5800.	44600.
31503 LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	08/04/71-03/21/84	37	3.301	3.356	5.301	2.	0.649	0.806	2.358	2.753	3.761	4.647
31503 GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	08/04/71-03/21/84	36	40.	1548.014	28000.	1.	23256602.136	4822.51	1.5	12.5	920.	3720.
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/04/71-03/21/84	36	1.602	1.946	4.447	0.	1.435	1.198	0.176	1.075	2.962	3.57
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/04/71-03/21/84	36	GEOMETRIC MEAN =	88.301								
31673 FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/04/71-03/21/84	37	600.	18386.622	445000.	5.	5446512483.408	73800.491	50.	200.	7150.	24040.
31673 LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/04/71-03/21/84	37	2.778	2.972	5.648	0.699	1.101	1.05	1.699	2.301	3.853	4.344
31673 GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/04/71-03/21/84	37	GEOMETRIC MEAN =	937.335								
70300 RESIDUE, TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/15/77-03/21/84	20	1068.	952.1	1232.	260.	75517.989	274.805	475.6	914.5	1135.	1208.
70301 SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/04/71-04/17/79	16	1136.	1132.813	1335.	714.	25141.096	158.559	825.3	1091.5	1250.	1311.2
70507 PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/04/71-03/21/84	36	0.035	0.142	2.35	0.	0.155	0.393	0.	0.01	0.115	0.262
71850 NITRATE NITROGEN, TOTAL (MG/L AS NO3)	08/04/71-03/06/80	25	2.	4.98	31.4	0.	52.662	7.257	0.	0.	8.05	13.2
71900 MERCURY, TOTAL (UG/L AS HG)	08/04/71-03/21/84	34 ##	0.5	1.369	5.	0.	3.692	1.921	0.025	0.175	1.	5.

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

## Station Inventory for Station: SAMO0029

NPS Station ID: SAMO0029  
 Location: TOPANGA C NR TOPANGA BCH CA  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070104  
 Major Basin:  
 Minor Basin:  
 RF1 Index: 18070104  
 RF3 Index: 18070104000200.00  
 Description:

LAT/LON: 34.064448/-118.586116

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 0.59

Agency: 112WRD  
 FIPS State/County: 06037 CALIFORNIA/LOS ANGELES  
 STORET Station ID(s): 11104000  
 Within Park Boundary: Yes

Date Created: 02/27/82

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 1.60  
 Distance from RF3: 0.21

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: SAMO0029

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/02/82-08/03/88	15	23.5	20.867	29.	11.5	36.088	6.007	12.4	14.	26.	28.1
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/30/84-07/24/84	2	26.25	26.25	30.	22.5	28.125	5.303	**	**	**	**
00025 BAROMETRIC PRESSURE (MM OF HG)	01/02/82-08/03/88	15	755.	753.333	760.	745.	34.524	5.876	745.	745.	760.	760.
00061 FLOW, STREAM, INSTANTANEOUS CFS	01/02/82-08/03/88	10	0.3	7.84	73.	0.1	524.947	22.912	0.1	0.175	1.425	66.
00065 STAGE, STREAM (FEET)	07/13/83-07/13/83	1	3.97	3.97	3.97	3.97	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/02/82-08/03/88	15	1280.	1160.8	1460.	522.	93809.6	306.284	556.8	1060.	1360.	1412.
00300 OXYGEN, DISSOLVED MG/L	01/02/82-08/03/88	15	9.7	9.36	11.5	7.	1.608	1.268	7.24	8.2	10.1	11.08
00301 OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/02/82-03/02/83	4	100.	105.75	128.	95.	226.25	15.042	**	**	**	**
00400 PH (STANDARD UNITS)	01/02/82-08/03/88	14	8.2	8.093	8.6	7.3	0.155	0.393	7.35	7.875	8.425	8.55
00400 CONVERTED PH (STANDARD UNITS)	01/02/82-08/03/88	14	8.2	7.903	8.6	7.3	0.193	0.44	7.35	7.875	8.425	8.55
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/02/82-08/03/88	14	0.006	0.013	0.05	0.003	0.	0.014	0.003	0.004	0.013	0.045
00403 PH, LAB, STANDARD UNITS SU	01/02/82-08/03/88	15	8.3	8.253	8.5	7.6	0.056	0.236	7.84	8.2	8.4	8.5
00403 CONVERTED PH, LAB, STANDARD UNITS	01/02/82-08/03/88	15	8.3	8.176	8.5	7.6	0.062	0.249	7.84	8.2	8.4	8.5
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/02/82-08/03/88	15	0.005	0.007	0.025	0.003	0.	0.006	0.003	0.004	0.006	0.016
00405 CARBON DIOXIDE (MG/L AS CO2)	01/02/82-03/02/83	3	1.5	1.4	1.7	1.	0.13	0.361	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	03/17/82-08/03/88	13	230.	204.231	305.	87.	4029.526	63.479	93.4	153.5	245.	283.
00631 NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/02/82-08/03/88	15 ##	0.05	0.577	3.3	0.05	1.149	1.072	0.05	0.05	0.4	2.88
00660 PHOSPHATE, ORTHO (MG/L AS PO4)	01/02/82-03/02/83	4	0.23	0.26	0.49	0.09	0.03	0.172	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	11/25/85-11/25/85	1	0.23	0.23	0.23	0.23	0.	0.	**	**	**	**
00671 PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/02/82-08/03/88	15	0.04	0.077	0.27	0.02	0.007	0.083	0.02	0.02	0.09	0.258
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	01/02/82-03/02/83	4	390.	402.5	630.	200.	37691.667	194.143	**	**	**	**
00902 HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	01/02/82-03/02/83	4	255.	252.5	380.	120.	17291.667	131.498	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	01/02/82-08/03/88	15	94.	91.467	136.	48.	724.838	26.923	49.8	70.	110.	132.4
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	01/02/82-08/03/88	15	58.	52.667	71.	19.	277.667	16.663	19.	54.	60.	70.4
00930 SODIUM, DISSOLVED (MG/L AS Na)	01/02/82-08/03/88	15	100.	89.067	120.	30.	869.638	29.49	33.	87.	110.	114.
00931 SODIUM ADSORPTION RATIO	01/02/82-03/02/83	4	1.5	1.475	2.	0.9	0.369	0.608	**	**	**	**
00932 SODIUM, PERCENT	01/02/82-03/02/83	4	25.5	26.	32.	21.	22.	4.69	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	01/02/82-08/03/88	15	4.3	4.353	7.1	3.1	0.763	0.873	3.46	4.	4.4	5.78
00940 CHLORIDE, TOTAL IN WATER MG/L	01/02/82-08/03/88	15	110.	92.667	130.	18.	1393.381	37.328	18.6	95.	110.	124.
00945 SULFATE, TOTAL (MG/L AS SO4)	01/02/82-08/03/88	15	310.	316.	480.	140.	9682.857	98.402	152.	290.	390.	462.
00950 FLUORIDE, DISSOLVED (MG/L AS F)	01/02/82-08/03/88	15	0.7	0.64	0.9	0.4	0.027	0.164	0.4	0.5	0.8	0.84
00955 SILICA, DISSOLVED (MG/L AS SiO2)	01/02/82-08/03/88	15	17.	17.6	27.	9.	19.971	4.469	11.4	14.	21.	24.6
01002 ARSENIC, TOTAL (UG/L AS AS)	07/27/82-08/03/88	13 ##	0.5	1.538	9.	0.5	5.603	2.367	0.5	0.5	1.5	6.6
01003 ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	12/01/81-03/02/83	3	4.	4.	5.	3.	1.	1.	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	01/02/82-08/03/88	15	620.	558.	800.	140.	52260.	228.604	146.	480.	730.	794.
01027 CADMIUM, TOTAL (UG/L AS Cd)	01/02/82-08/03/88	14 ##	5.	7.5	15.	5.	14.423	3.798	5.	5.	10.	15.
01028 CADMIUM, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	12/01/81-03/02/83	4 ##	1.5	2.125	5.	0.5	4.063	2.016	**	**	**	**
01034 CHROMIUM, TOTAL (UG/L AS CR)	07/27/82-08/03/88	13	10.	16.577	110.	0.5	821.077	28.654	2.3	5.	15.	74.

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

# Parameter Inventory for Station: SAMO0029

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01042 COPPER, TOTAL (UG/L AS CU)	07/27/82-08/03/88	13	10.	23.846	160.	5.	1733.974	41.641	5.	5.	20.	108.
01043 COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	12/01/81-03/02/83	4	7.5	9.5	18.	5.	37.667	6.137	**	**	**	**
01045 IRON, TOTAL (UG/L AS FE)	01/02/82-01/02/82	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01046 IRON, DISSOLVED (UG/L AS FE)	01/02/82-08/03/88	15	14.	42.5	270.	1.5	5022.75	70.871	3.	5.	33.	180.
01051 LEAD, TOTAL (UG/L AS PB)	01/02/82-08/03/88	14 ##	50.	57.143	100.	50.	329.67	18.157	50.	50.	50.	100.
01052 LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	12/01/81-03/02/83	4 ##	25.	26.25	50.	5.	489.583	22.127	**	**	**	**
01065 NICKEL, DISSOLVED (UG/L AS NI)	03/02/83-03/02/83	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01067 NICKEL, TOTAL (UG/L AS NI)	07/27/82-07/27/82	1	200.	200.	200.	200.	0.	0.	**	**	**	**
01068 NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	04/07/82-03/02/83	3	20.	26.667	50.	10.	433.333	20.817	**	**	**	**
01092 ZINC, TOTAL (UG/L AS ZN)	01/02/82-08/03/88	13 ##	5.	51.154	470.	5.	16171.474	127.167	5.	5.	25.	310.
01093 ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	12/01/81-03/02/83	4	17.5	25.	55.	10.	420.667	20.51	**	**	**	**
01147 SELENIUM, TOTAL (UG/L AS SE)	07/27/82-08/03/88	13 ##	0.5	1.808	8.	0.5	6.397	2.529	0.5	0.5	2.5	7.2
01148 SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	12/01/81-03/02/83	4 ##	0.5	0.625	1.	0.5	0.063	0.25	**	**	**	**
01170 IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	12/01/81-12/01/81	1	5000.	5000.	5000.	5000.	0.	0.	**	**	**	**
31616 FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	08/03/88-08/03/88	1	32.	32.	32.	32.	0.	0.	**	**	**	**
31616 LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	08/03/88-08/03/88	1	1.505	1.505	1.505	1.505	0.	0.	**	**	**	**
31616 GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	08/03/88-08/03/88	1	1.505	1.505	1.505	1.505	0.	0.	**	**	**	**
31625 FECAL COLIFORM, MF, M-FC, 0.7 UM	01/02/82-08/03/88	13	32.	1856.346	22000.	0.5	36710093.224	6058.885	1.1	9.	420.	13584.
31625 LOG FECAL COLIFORM, MF, M-FC, 0.7 UM	01/02/82-08/03/88	13	1.505	1.714	4.342	-0.301	1.539	1.24	-0.06	0.952	2.623	3.798
31625 GM FECAL COLIFORM, MF, M-FC, 0.7 UM	01/02/82-08/03/88	13	1.505	1.714	4.342	-0.301	1.539	1.24	-0.06	0.952	2.623	3.798
31673 FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	01/02/82-09/17/87	12	460.	9495.083	104000.	0.	886991318.992	29782.399	0.9	25.5	2175.	73850.
31673 LOG FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	01/02/82-09/17/87	12	2.594	2.42	5.017	0.	1.984	1.409	0.143	1.35	3.329	4.575
31673 GM FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	01/02/82-09/17/87	12	2.594	2.42	5.017	0.	1.984	1.409	0.143	1.35	3.329	4.575
39024 PROPAGINE, COULSON CONDUCTIVITY, WATER SAMPL (UG/L)	01/02/82-08/03/88	11 ##	0.05	0.041	0.05	0.	0.	0.02	0.	0.05	0.05	0.05
39030 TREFLAN, MICROCOULOMETRIC, WATER SAMPLE (UG/L)	08/03/88-08/03/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39054 SIMETRYNE IN WHOLE WATER (UG/L)	01/02/82-08/03/88	11 ##	0.05	0.041	0.05	0.	0.	0.02	0.	0.05	0.05	0.05
39055 SIMAZINE IN WHOLE WATER (UG/L)	01/02/82-08/03/88	11 ##	0.05	0.282	2.	0.05	0.332	0.576	0.05	0.05	0.2	1.66
39056 PROMETONE IN WHOLE WATER (UG/L)	01/02/82-08/03/88	11 ##	0.05	0.041	0.05	0.	0.	0.02	0.	0.05	0.05	0.05
39057 PROMETRYNE IN WHOLE WATER (UG/L)	01/02/82-08/03/88	11 ##	0.05	0.041	0.05	0.	0.	0.02	0.	0.05	0.05	0.05
39251 PCNS IN BOTTOM DEPOS. (UG/KG DRY SOLIDS)	07/27/82-08/03/88	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
39333 ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/27/82-08/03/88	10 ##	0.05	0.055	0.1	0.05	0.	0.016	0.05	0.05	0.05	0.095
39343 GAMMA-BHC (LINDANE), SEDIMENTS, DRY WGT, UG/KG	07/27/82-08/03/88	10 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39351 CHLORDANE (TECH MIX & METABS), SEDIMENTS, DRY WGT, UG/KG	07/27/82-08/03/88	10	1.	1.25	3.	0.5	0.514	0.717	0.55	1.	1.25	2.9
39363 DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/27/82-08/03/88	10 ##	0.05	0.095	0.4	0.05	0.012	0.109	0.05	0.05	0.1	0.37
39368 DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/27/82-08/03/88	10	0.2	0.18	0.3	0.1	0.006	0.079	0.1	0.1	0.225	0.3
39373 DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/27/82-08/03/88	10	0.1	0.24	0.9	0.05	0.091	0.302	0.05	0.088	0.325	0.88
39383 DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	07/27/82-08/03/88	10 ##	0.05	0.07	0.1	0.05	0.001	0.026	0.05	0.05	0.1	0.1
39389 ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	07/27/82-08/03/88	10 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39393 ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/27/82-08/03/88	10 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39398 ETHION IN WHOLE WATER SAMPLE (UG/L)	03/02/83-08/03/88	8 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39403 TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	07/27/82-08/03/88	10 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
39413 HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	07/27/82-08/03/88	10 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39423 HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	07/27/82-08/03/88	10 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39481 METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	07/27/82-09/17/87	9 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39519 PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	07/27/82-08/03/88	10 ##	0.5	0.65	2.	0.5	0.225	0.474	0.5	0.5	0.5	1.85
39530 MALATHION IN WHOLE WATER SAMPLE (UG/L)	03/02/83-08/03/88	8 ##	0.005	0.009	0.04	0.005	0.	0.012	**	**	**	**
39540 PARATHION IN WHOLE WATER SAMPLE (UG/L)	03/02/83-08/03/88	8 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39570 DIAZINON IN WHOLE WATER SAMPLE (UG/L)	03/02/83-08/03/88	8 ##	0.005	0.014	0.08	0.005	0.001	0.027	**	**	**	**
39600 METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	03/02/83-08/03/88	8 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39630 ATRAZINE (AATREX) IN WHOLE WATER SAMPLE (UG/L)	01/02/82-08/03/88	11 ##	0.05	0.082	0.2	0.05	0.004	0.06	0.05	0.05	0.1	0.2
39758 MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	07/27/82-08/03/88	10 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39786 TRITHION IN WHOLE WATER SAMPLE (UG/L)	03/02/83-08/03/88	8 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39790 METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	03/02/83-08/03/88	8 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
70300 RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	01/02/82-08/03/88	15	880.	825.867	1130.	360.	54461.41	233.37	382.2	796.	969.	1112.
70301 SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	01/02/82-03/02/83	4	665.	687.5	1100.	320.	135825.	368.544	**	**	**	**
70302 SOLIDS, DISSOLVED-TONS PER DAY	01/02/82-07/27/82	2	1.69	1.69	2.6	0.78	1.656	1.287	**	**	**	**
70303 SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/02/82-03/02/83	4	0.98	0.988	1.5	0.49	0.238	0.488	**	**	**	**
71900 MERCURY, TOTAL (UG/L AS HG)	07/27/82-08/03/88	13	0.1	0.104	0.4	0.	0.01	0.101	0.02	0.05	0.1	0.32
71921 MERCURY, TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	12/01/81-03/02/83	4	0.035	0.07	0.2	0.01	0.008	0.088	**	**	**	**
77825 ALACHLOR WHOLE WATER, UG/L	08/03/88-08/03/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
80154 SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	11/25/85-03/06/87	2	1537.5	1537.5	3050.	25.	4575312.5	2138.998	**	**	**	**
81757 CYANAZINE IN THE WHOLE WATER SAMPLE UG/L	01/02/82-08/03/88	11 ##	0.05	0.041	0.05	0.	0.	0.02	0.	0.05	0.05	0.05
81886 PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	07/27/82-08/03/88	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: SAMO0029

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82184 AMETRYNE (GESAPAX OR EVIK) TOTAL UG/L	01/02/82-08/03/88	11 ##	0.05	0.041	0.05	0.	0.	0.02	0.	0.05	0.05	0.05
82185 ATRATON (GESTAMIN) TOTAL UG/L	01/02/82-05/30/84	6 ##	0.05	0.033	0.05	0.	0.001	0.026	**	**	**	**
82187 CYPRAZINE TOTAL UG/L	01/02/82-05/30/84	6 ##	0.05	0.033	0.05	0.	0.001	0.026	**	**	**	**
82188 SIMETONE TOTAL UG/L	01/02/82-05/30/84	5 ##	0.05	0.03	0.05	0.	0.001	0.027	**	**	**	**
82611 METRIBUZIN, WHOLE WATER, TOTAL RECOVERABLE UG/L	08/03/88-08/03/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
82612 METOLACHLOR, WHOLE WATER, TOTAL RECOVERABLE UG/L	08/03/88-08/03/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0029

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	15	0	0.00	9	0	0.00	2	0	0.00	4	0	0.00			
00400 PH	Other-Hi Lim.	9.	14	0	0.00	8	0	0.00	2	0	0.00	4	0	0.00			
	Other-Lo Lim.	6.5	14	0	0.00	8	0	0.00	2	0	0.00	4	0	0.00			
00403 PH, LAB	Other-Hi Lim.	9.	15	0	0.00	9	0	0.00	2	0	0.00	4	0	0.00			
	Other-Lo Lim.	6.5	15	0	0.00	9	0	0.00	2	0	0.00	4	0	0.00			
00631 NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	15	0	0.00	9	0	0.00	2	0	0.00	4	0	0.00			
00940 CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	15	0	0.00	9	0	0.00	2	0	0.00	4	0	0.00			
	Drinking Water	250.	15	0	0.00	9	0	0.00	2	0	0.00	4	0	0.00			
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	15	12	0.80	9	9	1.00	2	1	0.50	4	2	0.50			
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	15	0	0.00	9	0	0.00	2	0	0.00	4	0	0.00			
01002 ARSENIC, TOTAL	Fresh Acute	360.	13	0	0.00	9	0	0.00	1	0	0.00	3	0	0.00			
	Drinking Water	50.	13	0	0.00	9	0	0.00	1	0	0.00	3	0	0.00			
01027 CADMIUM, TOTAL	Fresh Acute	3.9	3 &	3	1.00	1	1	1.00	1	1	1.00	1	1	1.00			
	Drinking Water	5.	3 &	3	1.00	1	1	1.00	1	1	1.00	1	1	1.00			
01034 CHROMIUM, TOTAL	Drinking Water	100.	13	1	0.08	9	0	0.00	1	1	1.00	3	0	0.00			
01042 COPPER, TOTAL	Fresh Acute	18.	13	5	0.38	9	3	0.33	1	1	1.00	3	1	0.33			
	Drinking Water	1300.	13	0	0.00	9	0	0.00	1	0	0.00	3	0	0.00			
01051 LEAD, TOTAL	Fresh Acute	82.	14	2	0.14	9	1	0.11	2	1	0.50	3	0	0.00			
	Drinking Water	15.	2 &	2	1.00	1	1	1.00	1	1	1.00						
01065 NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
	Drinking Water	100.	1	0	0.00							1	0	0.00			
01067 NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
	Drinking Water	100.	1	1	1.00	1	1	1.00									
01092 ZINC, TOTAL	Fresh Acute	120.	13	1	0.08	8	0	0.00	2	1	0.50	3	0	0.00			
	Drinking Water	5000.	13	0	0.00	8	0	0.00	2	0	0.00	3	0	0.00			
01147 SELENIUM, TOTAL	Fresh Acute	20.	13	0	0.00	9	0	0.00	1	0	0.00	3	0	0.00			
	Drinking Water	50.	13	0	0.00	9	0	0.00	1	0	0.00	3	0	0.00			
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00	1	0	0.00									
31625 FECAL COLIFORM, MF	Other-Hi Lim.	200.	13	5	0.38	8	0	0.00	2	2	1.00	3	3	1.00			
39055 SIMAZINE IN WHOLE WATER	Drinking Water	4.	11	0	0.00	6	0	0.00	2	0	0.00	3	0	0.00			
39540 PARATHION IN WHOLE WATER SAMPLE	Fresh Acute	0.065	8	0	0.00	5	0	0.00	1	0	0.00	2	0	0.00			
39630 ATRAZINE(AATREX) IN WHOLE WATER SAMPLE	Drinking Water	3.	11	0	0.00	6	0	0.00	2	0	0.00	3	0	0.00			
71900 MERCURY, TOTAL	Fresh Acute	2.4	13	0	0.00	9	0	0.00	1	0	0.00	3	0	0.00			
	Drinking Water	2.	13	0	0.00	9	0	0.00	1	0	0.00	3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



### Seasonal Analysis for Season #1: 6/01 to 10/31 - Station SAMO0029

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/02/82-08/03/88	9	24.5	24.778	29.	19.5	8.694	2.949	19.5	22.75	27.25	29.
00025	BAROMETRIC PRESSURE (MM OF HG)	01/02/82-08/03/88	9	755.	755.	760.	745.	25.	5.	745.	752.5	760.	760.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/02/82-08/03/88	9	1280.	1273.333	1380.	1060.	10525.	102.591	1060.	1215.	1365.	1380.
00300	OXYGEN, DISSOLVED MG/L	01/02/82-08/03/88	9	8.3	8.822	10.8	7.	1.707	1.307	7.	7.8	10.05	10.8
00403	PH, LAB, STANDARD UNITS SU	01/02/82-08/03/88	9	8.3	8.311	8.5	8.	0.026	0.162	8.	8.2	8.45	8.5
00403	CONVERTED PH, LAB, STANDARD UNITS	01/02/82-08/03/88	9	8.3	8.283	8.5	8.	0.027	0.164	8.	8.2	8.45	8.5
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/02/82-08/03/88	9	0.005	0.005	0.01	0.003	0.	0.002	0.003	0.004	0.006	0.01
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/02/82-08/03/88	9##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/02/82-08/03/88	9	0.03	0.034	0.07	0.02	0.	0.016	0.02	0.02	0.04	0.07
00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/02/82-08/03/88	9	97.	93.667	120.	55.	330.25	18.173	55.	86.	104.5	120.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/02/82-08/03/88	9	58.	59.111	71.	54.	23.861	4.885	54.	56.5	60.	71.
00930	SODIUM, DISSOLVED (MG/L AS NA)	01/02/82-08/03/88	9	100.	100.667	110.	87.	45.75	6.764	87.	99.5	105.	110.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/02/82-08/03/88	9	4.2	4.222	4.9	3.7	0.167	0.409	3.7	3.85	4.55	4.9
00940	CHLORIDE, TOTAL IN WATER MG/L	01/02/82-08/03/88	9	110.	108.111	120.	95.	54.611	7.39	95.	104.	110.	120.
00945	SULFATE, TOTAL (MG/L AS SO4)	01/02/82-08/03/88	9	310.	330.	420.	290.	2075.	45.552	290.	300.	365.	420.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/02/82-08/03/88	9	0.7	0.733	0.9	0.5	0.013	0.112	0.5	0.7	0.8	0.9
00955	SILICA, DISSOLVED (MG/L AS SI02)	01/02/82-08/03/88	9	18.	19.556	27.	15.	14.028	3.745	15.	17.	22.5	27.
01002	ARSENIC, TOTAL (UG/L AS AS)	07/27/82-08/03/88	9##	0.5	0.778	2.	0.5	0.257	0.507	0.5	0.5	1.	2.
01020	BORON, DISSOLVED (UG/L AS B)	01/02/82-08/03/88	9	720.	694.444	800.	530.	7802.778	88.333	530.	620.	765.	800.
01027	CADMIUM, TOTAL (UG/L AS CD)	01/02/82-08/03/88	9##	5.	6.667	15.	5.	12.5	3.536	5.	5.	7.5	15.
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/27/82-08/03/88	9##	5.	7.833	20.	0.5	31.	5.568	0.5	5.	10.	20.
01042	COPPER, TOTAL (UG/L AS CU)	07/27/82-08/03/88	9	10.	11.111	20.	5.	48.611	6.972	5.	5.	20.	20.
01046	IRON, DISSOLVED (UG/L AS FE)	01/02/82-08/03/88	9	13.	13.833	32.	1.5	87.375	9.347	1.5	6.5	20.5	32.
01051	LEAD, TOTAL (UG/L AS PB)	01/02/82-08/03/88	9##	50.	55.556	100.	50.	277.778	16.667	50.	50.	50.	100.
01147	SELENIUM, TOTAL (UG/L AS SE)	07/27/82-08/03/88	9##	0.5	1.167	6.	0.5	3.313	1.82	0.5	0.5	0.75	6.
39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	07/27/82-08/03/88	9##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/27/82-08/03/88	9##	0.05	0.056	0.1	0.05	0.	0.017	0.05	0.05	0.05	0.1
39343	GAMMA-BHC(TECHNANE),SEDIMENTS,DRY WGT,UG/KG	07/27/82-08/03/88	9##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	07/27/82-08/03/88	9	1.	1.278	3.	0.5	0.569	0.755	0.5	1.	1.5	3.
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/27/82-08/03/88	9##	0.05	0.1	0.4	0.05	0.013	0.115	0.05	0.05	0.1	0.4
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/27/82-08/03/88	9	0.2	0.189	0.3	0.1	0.006	0.078	0.1	0.1	0.25	0.3
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/27/82-08/03/88	9	0.1	0.256	0.9	0.05	0.1	0.316	0.05	0.075	0.45	0.9
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	07/27/82-08/03/88	9##	0.05	0.072	0.1	0.05	0.001	0.026	0.05	0.05	0.1	0.1
39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	07/27/82-08/03/88	9##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/27/82-08/03/88	9##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	07/27/82-08/03/88	9##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	07/27/82-08/03/88	9##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	07/27/82-08/03/88	9##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	07/27/82-08/03/88	9##	0.5	0.667	2.	0.5	0.25	0.5	0.5	0.5	0.5	2.
39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	07/27/82-08/03/88	9##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/02/82-08/03/88	9	880.	890.889	1020.	796.	4506.861	67.133	796.	848.	934.5	1020.
71900	MERCURY, TOTAL (UG/L AS HG)	07/27/82-08/03/88	9	0.1	0.111	0.4	0.	0.013	0.114	0.	0.05	0.1	0.4
81886	PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	07/27/82-08/03/88	9##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #2: 11/01 to 2/29 - Station SAMO0029

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/02/82-08/03/88	2	13.5	13.5	14.	13.	0.5	0.707	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	01/02/82-08/03/88	2	750.	750.	755.	745.	50.	7.071	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/02/82-08/03/88	2	1020.	1020.	1460.	580.	387200.	622.254	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/02/82-08/03/88	2	10.05	10.05	10.1	10.	0.005	0.071	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/02/82-08/03/88	2	8.	8.	8.4	7.6	0.32	0.566	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	01/02/82-08/03/88	2	7.837	7.837	8.4	7.6	0.373	0.611	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/02/82-08/03/88	2	0.015	0.015	0.025	0.004	0.	0.015	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/02/82-08/03/88	2	1.85	1.85	3.3	0.4	4.205	2.051	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #2: 11/01 to 2/29 - Station SAMO0029

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00671 PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/02/82-08/03/88	2	0.165	0.165	0.27	0.06	0.022	0.148	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS CA)	01/02/82-08/03/88	2	93.5	93.5	136.	51.	3612.5	60.104	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	01/02/82-08/03/88	2	44.5	44.5	70.	19.	1300.5	36.062	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS NA)	01/02/82-08/03/88	2	73.5	73.5	110.	37.	2664.5	51.619	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	01/02/82-08/03/88	2	5.7	5.7	7.1	4.3	3.92	1.98	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	01/02/82-08/03/88	2	80.	80.	130.	30.	5000.	70.711	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	01/02/82-08/03/88	2	305.	305.	450.	160.	42050.	205.061	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	01/02/82-08/03/88	2	0.5	0.5	0.6	0.4	0.02	0.141	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SI02)	01/02/82-08/03/88	2	13.	13.	17.	9.	32.	5.657	**	**	**	**
01002 ARSENIC, TOTAL (UG/L AS AS)	07/27/82-08/03/88	1	9.	9.	9.	9.	0.	0.	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	01/02/82-08/03/88	2	355.	355.	560.	150.	84050.	289.914	**	**	**	**
01027 CADMIUM, TOTAL (UG/L AS CD)	01/02/82-08/03/88	2 ##	12.5	12.5	15.	10.	12.5	3.536	**	**	**	**
01034 CHROMIUM, TOTAL (UG/L AS CR)	07/27/82-08/03/88	1	110.	110.	110.	110.	0.	0.	**	**	**	**
01042 COPPER, TOTAL (UG/L AS CU)	07/27/82-08/03/88	1	160.	160.	160.	160.	0.	0.	**	**	**	**
01046 IRON, DISSOLVED (UG/L AS FE)	01/02/82-08/03/88	2 ##	62.5	62.5	120.	5.	6612.5	81.317	**	**	**	**
01051 LEAD, TOTAL (UG/L AS PB)	01/02/82-08/03/88	2 ##	75.	75.	100.	50.	1250.	35.355	**	**	**	**
01147 SELENIUM, TOTAL (UG/L AS SE)	07/27/82-08/03/88	1	8.	8.	8.	8.	0.	0.	**	**	**	**
70300 RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	01/02/82-08/03/88	2	748.5	748.5	1100.	397.	247104.5	497.096	**	**	**	**
71900 MERCURY, TOTAL (UG/L AS HG)	07/27/82-08/03/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #3: 3/01 to 5/31 - Station SAMO0029

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/02/82-08/03/88	4	14.	15.75	23.5	11.5	28.083	5.299	**	**	**	**
00025 BAROMETRIC PRESSURE (MM OF HG)	01/02/82-08/03/88	4	750.	751.25	760.	745.	56.25	7.5	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/02/82-08/03/88	4	1020.	978.	1350.	522.	184882.667	429.98	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	01/02/82-08/03/88	4	9.9	10.225	11.5	9.6	0.769	0.877	**	**	**	**
00403 PH. LAB, STANDARD UNITS SU	01/02/82-08/03/88	4	8.3	8.25	8.4	8.	0.03	0.173	**	**	**	**
00403 CONVERTED PH. LAB, STANDARD UNITS	01/02/82-08/03/88	4	8.3	8.222	8.4	8.	0.031	0.176	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/02/82-08/03/88	4	0.005	0.006	0.01	0.004	0.	0.003	**	**	**	**
00631 NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/02/82-08/03/88	4 ##	0.925	1.125	2.6	0.05	1.648	1.284	**	**	**	**
00671 PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/02/82-08/03/88	4	0.125	0.13	0.25	0.02	0.01	0.098	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS CA)	01/02/82-08/03/88	4	82.	85.5	130.	48.	1233.	35.114	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	01/02/82-08/03/88	4	43.5	42.25	63.	19.	484.917	22.021	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS NA)	01/02/82-08/03/88	4	66.5	70.75	120.	30.	2035.583	45.117	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	01/02/82-08/03/88	4	4.2	3.975	4.4	3.1	0.356	0.597	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	01/02/82-08/03/88	4	64.5	64.25	110.	18.	2790.917	52.829	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	01/02/82-08/03/88	4	270.	290.	480.	140.	24066.667	155.134	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	01/02/82-08/03/88	4	0.45	0.5	0.7	0.4	0.02	0.141	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SI02)	01/02/82-08/03/88	4	14.	15.5	21.	13.	13.667	3.697	**	**	**	**
01002 ARSENIC, TOTAL (UG/L AS AS)	07/27/82-08/03/88	3 ##	0.5	1.333	3.	0.5	2.083	1.443	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	01/02/82-08/03/88	4	325.	352.5	620.	140.	55425.	235.425	**	**	**	**
01027 CADMIUM, TOTAL (UG/L AS CD)	01/02/82-08/03/88	3 ##	5.	6.667	10.	5.	8.333	2.887	**	**	**	**
01034 CHROMIUM, TOTAL (UG/L AS CR)	07/27/82-08/03/88	3	10.	11.667	20.	5.	58.333	7.638	**	**	**	**
01042 COPPER, TOTAL (UG/L AS CU)	07/27/82-08/03/88	3	10.	16.667	30.	10.	133.333	11.547	**	**	**	**
01046 IRON, DISSOLVED (UG/L AS FE)	01/02/82-08/03/88	4	57.	97.	270.	4.	14310.	119.624	**	**	**	**
01051 LEAD, TOTAL (UG/L AS PB)	01/02/82-08/03/88	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01147 SELENIUM, TOTAL (UG/L AS SE)	07/27/82-08/03/88	3 ##	0.5	1.667	4.	0.5	4.083	2.021	**	**	**	**
39251 PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	07/27/82-08/03/88	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39333 ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/27/82-08/03/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39343 GAMMA-BHC(LINDANE), SEDIMENTS, DRY WGT, UG/KG	07/27/82-08/03/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39351 CHLORDANE (TECH MIX&METABS), SEDIMENTS, DRY WGT, UG/KG	07/27/82-08/03/88	1	1.	1.	1.	1.	0.	0.	**	**	**	**
39363 DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/27/82-08/03/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39368 DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/27/82-08/03/88	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39373 DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/27/82-08/03/88	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #3: 3/01 to 5/31 - Station SAMO0029

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39383 DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	07/27/82-08/03/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39389 ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	07/27/82-08/03/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39393 ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/27/82-08/03/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39403 TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	07/27/82-08/03/88	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39413 HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	07/27/82-08/03/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39423 HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	07/27/82-08/03/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39519 PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	07/27/82-08/03/88	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39758 MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	07/27/82-08/03/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/02/82-08/03/88	4	691.5	718.25	1130.	360.	127650.917	357.283	**	**	**	**
71900 MERCURY, TOTAL (UG/L AS HG)	07/27/82-08/03/88	3 ##	0.05	0.1	0.2	0.05	0.008	0.087	**	**	**	**
81886 PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	07/27/82-08/03/88	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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## Station Inventory for Station: SAMO0030

NPS Station ID: SAMO0030

Location: TOPANGA C AB PACIFIC COAST HWY

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 18070104

Major Basin: LOS ANGELES AREA

Minor Basin: VENTURA LOS ANGELES COASTAL

RF1 Index: 18070104

RF3 Index: 18070104001202.73

Description:

SURFACE WATER STATION; DATA MANAGER CODE: 3; AREAL CODE: ; BEGINNING OF RECORD: . ; ELEVATION: 240 ;

STATION NAME: TOPANGA C AB PACIFIC COAST HWY ;

CALIFORNIA COORDINATES:

LAT/LON: 34.065003/-118.586670

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 3.99

Agency: 21CAL-1

FIPS State/County: 06037 CALIFORNIA/LOS ANGELES

STORET Station ID(s): Z5215000 /4041101

Within Park Boundary: Yes

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.00

Distance from RF3: 0.01

Date Created: 08/27/76

On/Off RF1:

On/Off RF3:

### Parameter Inventory for Station: SAMO0030

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-09/20/78	74	55.	54.75	72.	41.	49.159	7.011	44.5	50.	60.	63.25
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/05/72-09/20/78	77	1440.	1356.078	1730.	341.	81028.783	284.656	947.	1330.	1495.	1612.
00300 OXYGEN, DISSOLVED (MG/L)	09/05/72-09/20/78	74	8.3	8.274	12.1	4.6	2.79	1.67	6.1	7.05	9.425	10.6
00310 BOD, 5 DAY, 20 DEG C MG/L	10/04/72-09/20/78	73	2.	2.726	27.	0.	12.091	3.477	1.	1.	3.	6.2
00335 COD, .025N K2CR2O7 MG/L	10/04/72-09/20/78	70	16.	21.786	140.	2.	556.924	23.599	6.	9.	24.	33.9
00400 PH (STANDARD UNITS)	11/18/76-11/18/76	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	11/18/76-11/18/76	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/18/76-11/18/76	1	0.501	0.501	0.501	0.501	0.	0.	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	09/05/72-09/20/78	78	8.2	8.135	8.9	7.1	0.079	0.281	7.8	8.	8.3	8.5
00403 CONVERTED PH, LAB, STANDARD UNITS	09/05/72-09/20/78	78	8.2	8.019	8.9	7.1	0.093	0.304	7.8	8.	8.3	8.5
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/05/72-09/20/78	78	0.006	0.01	0.079	0.001	0.	0.011	0.003	0.005	0.01	0.016
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	09/05/72-11/15/77	62	270.5	265.323	337.	121.	1267.435	35.601	221.6	258.	285.	296.4
00515 RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	12/27/77-02/28/78	5	330.	447.6	725.	271.	43975.3	209.703	**	**	**	**
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/28/74-02/03/75	3	445.	390.	708.	17.	121639.	348.768	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/04/72-09/20/78	69	0.	0.035	0.47	0.	0.006	0.074	0.	0.	0.07	0.092
00618 NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/04/72-09/20/78	73	0.	1.062	21.37	0.	8.066	2.84	0.	0.	0.935	3.102
00720 CYANIDE, TOTAL (MG/L AS CN) MG/L	10/28/74-02/28/78	8	0.04	0.025	0.04	0.	0.	0.021	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	09/05/72-02/28/78	61	526.	496.213	656.	135.	14393.27	119.972	285.6	482.5	559.5	608.2
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	09/05/72-02/28/78	61	113.	109.093	148.	31.	475.015	21.795	71.92	103.5	122.	131.
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	09/05/72-02/28/78	61	60.3	56.015	70.	11.	193.583	13.913	32.92	52.	65.	68.58
00930 SODIUM, DISSOLVED (MG/L AS Na)	09/05/72-02/28/78	61	112.	110.015	166.	18.	879.201	29.651	76.04	103.	121.35	152.
00935 POTASSIUM, DISSOLVED (MG/L AS K)	09/05/72-02/28/78	61	4.4	5.105	14.	3.2	4.507	2.123	3.9	4.	5.15	7.
00941 CHLORIDE, DISSOLVED IN WATER MG/L	09/05/72-09/20/78	76	98.5	91.342	125.	12.	545.775	23.362	52.2	89.25	104.	111.6
00946 SULFATE, DISSOLVED (MG/L AS SO4)	09/05/72-09/20/78	77	359.	349.526	480.	57.	6568.855	81.048	250.2	326.5	389.5	437.
00950 FLUORIDE, DISSOLVED (MG/L AS F)	01/10/78-02/28/78	4	0.5	0.45	0.6	0.2	0.03	0.173	**	**	**	**
01002 ARSENIC, TOTAL (UG/L AS AS)	10/28/74-02/28/78	8	1.5	2.75	10.	0.	12.786	3.576	**	**	**	**
01007 BARIUM, TOTAL (UG/L AS Ba)	10/28/74-02/28/78	8	50.	285.	1600.	0.	310257.143	557.007	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	12/27/77-02/28/78	5	200.	160.	200.	0.	8000.	89.443	**	**	**	**
01027 CADMIUM, TOTAL (UG/L AS Cd)	10/28/74-02/28/78	8	10.	11.	20.	0.	66.286	8.142	**	**	**	**
01032 CHROMIUM, HEXAVALENT (UG/L AS CR)	12/27/77-02/28/78	5	4.	4.8	6.	4.	1.2	1.095	**	**	**	**
01034 CHROMIUM, TOTAL (UG/L AS CR)	10/28/74-02/28/78	8	15.	15.25	27.	0.	84.786	9.208	**	**	**	**

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### Parameter Inventory for Station: SAMO0030

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01042	COPPER, TOTAL (UG/L AS CU)	10/28/74-02/28/78	8	15.	25.	70.	10.	457.143	21.381	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	10/28/74-08/21/78	14	1525.	5453.571	34600.	10.	88849593.956	9426.006	90.	242.5	7375.
01051	LEAD, TOTAL (UG/L AS PB)	10/28/74-02/28/78	8	40.	55.25	200.	0.	3860.5	62.133	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	10/28/74-08/21/78	15	60.	211.333	1230.	0.	133112.381	364.846	6.	20.	130.
01067	NICKEL, TOTAL (UG/L AS NI)	10/28/74-02/02/75	3	50.	61.667	115.	20.	2358.333	48.563	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	10/28/74-02/28/78	8	10.	6.25	10.	0.	26.786	5.175	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	10/28/74-02/28/78	7	40.	86.	200.	20.	6018.667	77.58	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	10/28/74-02/28/78	8	3.5	3.213	6.	0.	4.99	2.234	**	**	**
39036	ALKALINITY, FILTERED SAMPLE AS CaCO3 MG/L	04/18/78-04/18/78	1	352.	352.	352.	352.	0.	0.	**	**	**
39340	GAMMA-BHC(LINDANE), WHOLE WATER, UG/L	10/28/74-02/03/75	3	0.03	0.024	0.032	0.01	0.	0.012	**	**	**
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	02/03/75-02/03/75	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	12/04/74-02/03/75	2	0.015	0.015	0.02	0.01	0.	0.007	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	12/04/74-02/03/75	2	0.037	0.037	0.04	0.034	0.	0.004	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	02/03/75-02/03/75	1	0.012	0.012	0.012	0.012	0.	0.	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	10/28/74-02/03/75	2	0.006	0.006	0.011	0.	0.	0.008	**	**	**
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	10/28/74-02/03/75	3	0.01	0.009	0.018	0.	0.	0.009	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	04/15/77-09/20/78	16	961.	937.438	1136.	655.	14900.796	122.069	697.7	912.25	980.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/05/72-09/05/72	1	973.	973.	973.	973.	0.	0.	**	**	**
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/07/74-09/20/78	54	0.04	0.056	0.23	0.	0.003	0.054	0.01	0.02	0.063
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/05/72-09/20/78	76	0.	3.15	23.9	0.	31.399	5.603	0.	0.	4.225
71900	MERCURY, TOTAL (UG/L AS HG)	10/04/72-02/28/78	41	0.	0.649	7.	0.	2.473	1.573	0.	0.	0.15

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### EPA Water Quality Criteria Analysis for Station: SAMO0030

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	74	0	0.00	30	0	0.00	26	0	0.00	18	0	0.00		
00400	PH	Other-Hi Lim.	9.	1	0	0.00				1	0	0.00					
		Other-Lo Lim.	6.5	1	1	1.00				1	1	1.00					
00403	PH, LAB	Other-Hi Lim.	9.	78	0	0.00	30	0	0.00	31	0	0.00	17	0	0.00		
		Other-Lo Lim.	6.5	78	0	0.00	30	0	0.00	31	0	0.00	17	0	0.00		
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	73	1	0.01	29	1	0.03	27	0	0.00	17	0	0.00		
00720	CYANIDE, TOTAL	Fresh Acute	0.022	8	5	0.63	1	0	0.00	7	5	0.71					
		Drinking Water	0.2	8	0	0.00	1	0	0.00	7	0	0.00					
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	76	0	0.00	29	0	0.00	30	0	0.00	17	0	0.00		
		Drinking Water	250.	76	0	0.00	29	0	0.00	30	0	0.00	17	0	0.00		
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	77	70	0.91	30	30	1.00	30	23	0.77	17	17	1.00		
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	4	0	0.00				4	0	0.00					
01002	ARSENIC, TOTAL	Fresh Acute	360.	8	0	0.00	1	0	0.00	7	0	0.00					
		Drinking Water	50.	8	0	0.00	1	0	0.00	7	0	0.00					
01007	BARIUM, TOTAL	Drinking Water	2000.	8	0	0.00	1	0	0.00	7	0	0.00					
01027	CADMIUM, TOTAL	Fresh Acute	3.9	8	7	0.88	1	1	1.00	7	6	0.86					
		Drinking Water	5.	8	5	0.63	1	0	0.00	7	5	0.71					
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	5	0	0.00				5	0	0.00					
		Drinking Water	100.	5	0	0.00				5	0	0.00					
01034	CHROMIUM, TOTAL	Drinking Water	100.	8	0	0.00	1	0	0.00	7	0	0.00					
01042	COPPER, TOTAL	Fresh Acute	18.	8	4	0.50	1	1	1.00	7	3	0.43					
		Drinking Water	1300.	8	0	0.00	1	0	0.00	7	0	0.00					
01051	LEAD, TOTAL	Fresh Acute	82.	8	1	0.13	1	0	0.00	7	1	0.14					
		Drinking Water	15.	8	6	0.75	1	0	0.00	7	6	0.86					
01067	NICKEL, TOTAL	Fresh Acute	1400.	3	0	0.00	1	0	0.00	2	0	0.00					
		Drinking Water	100.	3	1	0.33	1	0	0.00	2	1	0.50					
01077	SILVER, TOTAL	Fresh Acute	4.1	8	5	0.63	1	0	0.00	7	5	0.71					
		Drinking Water	100.	8	0	0.00	1	0	0.00	7	0	0.00					
01092	ZINC, TOTAL	Fresh Acute	120.	7	2	0.29	1	0	0.00	6	2	0.33					
		Drinking Water	5000.	7	0	0.00	1	0	0.00	6	0	0.00					
01147	SELENIUM, TOTAL	Fresh Acute	20.	8	0	0.00	1	0	0.00	7	0	0.00					
		Drinking Water	50.	8	0	0.00	1	0	0.00	7	0	0.00					

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### EPA Water Quality Criteria Analysis for Station: SAMO0030

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	3	0	0.00	1	0	0.00	2	0	0.00					
		Drinking Water	0.2	3	0	0.00	1	0	0.00	2	0	0.00					
39360	DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	1	0	0.00				1	0	0.00					
39365	DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	2	0	0.00				2	0	0.00					
39370	DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	2	0	0.00				2	0	0.00					
39380	DIELDRLN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	1	0	0.00				1	0	0.00					
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	2	0	0.00	1	0	0.00	1	0	0.00					
		Drinking Water	0.2	2	0	0.00	1	0	0.00	1	0	0.00					
39782	LINDANE IN WHOLE WATER SAMPLE	Fresh Acute	2.	3	0	0.00	1	0	0.00	2	0	0.00					
		Drinking Water	0.2	3	0	0.00	1	0	0.00	2	0	0.00					
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	76	0	0.00	30	0	0.00	29	0	0.00	17	0	0.00		
71900	MERCURY, TOTAL	Fresh Acute	2.4	41	5	0.12	15	0	0.00	21	5	0.24	5	0	0.00		
		Drinking Water	2.	41	5	0.12	15	0	0.00	21	5	0.24	5	0	0.00		

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### Annual Analysis for 1972 - Station SAMO0030

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	3	50.	53.	60.	49.	37.	6.083	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	4	1620.	1592.5	1680.	1450.	10425.	102.103	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	4	9.15	8.925	10.	7.4	1.276	1.13	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	3	2.	2.333	4.	1.	2.333	1.528	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	3	11.	15.667	32.	4.	212.333	14.572	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	4	8.3	8.275	8.3	8.2	0.003	0.05	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	4	8.3	8.273	8.3	8.2	0.003	0.05	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	4	0.005	0.005	0.006	0.005	0.	0.001	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	4	263.5	261.5	267.	252.	44.333	6.658	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	4	468.5	473.25	503.	453.	466.917	21.608	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	4	103.5	107.25	122.	100.	99.583	9.979	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	4	49.5	49.75	52.	48.	2.917	1.708	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	4	164.5	164.75	166.	164.	0.917	0.957	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	4	4.	4.25	5.	4.	0.25	0.5	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	4	117.5	119.	125.	116.	18.	4.243	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	4	414.5	408.75	418.	388.	198.25	14.08	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	4	0.	0.	0.	0.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1973 - Station SAMO0030

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	11	53.	53.909	62.	43.	45.891	6.774	43.6	48.	61.	62.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11	1440.	1388.182	1660.	560.	97056.364	311.539	678.	1360.	1610.	1650.
00300	OXYGEN, DISSOLVED MG/L	10	8.25	8.4	11.4	6.2	2.611	1.616	6.26	6.8	9.35	11.3
00310	BOD, 5 DAY, 20 DEG C MG/L	9	2.	1.778	4.	1.	0.944	0.972	1.	1.	2.	4.
00335	COD, .025N K2CR2O7 MG/L	9	10.	13.	34.	4.	85.5	9.247	4.	7.	17.	34.
00403	PH, LAB, STANDARD UNITS SU	11	8.2	8.191	8.4	8.	0.015	0.122	8.02	8.1	8.3	8.38
00403	CONVERTED PH, LAB, STANDARD UNITS	11	8.2	8.176	8.4	8.	0.015	0.123	8.02	8.1	8.3	8.38
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11	0.006	0.007	0.01	0.004	0.	0.002	0.004	0.005	0.008	0.01
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10	263.	269.3	312.	221.	590.678	24.304	224.7	260.25	284.	310.1
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	9	0.	0.011	0.1	0.	0.001	0.033	0.	0.	0.	0.1
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	9	0.	1.2	7.8	0.	6.708	2.59	0.	0.	1.5	7.8
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	10	547.5	545.	616.	430.	3844.889	62.007	435.7	499.	604.75	616.
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	10	119.5	118.26	135.	103.	120.72	10.987	103.	108.25	127.25	134.6
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10	62.5	60.66	70.	42.	90.178	9.496	43.	52.	68.95	70.
00930	SODIUM, DISSOLVED (MG/L AS Na)	10	120.	120.7	156.	81.	372.456	19.299	83.8	113.5	130.	154.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10	4.	4.42	7.2	4.	1.053	1.026	4.	4.	4.25	6.98
00941	CHLORIDE, DISSOLVED IN WATER MG/L	10	102.5	95.7	111.	48.	382.011	19.545	51.	87.75	110.	110.9
00946	SULFATE, DISSOLVED (MG/L AS SO4)	10	376.5	385.4	476.	314.	3594.267	59.952	315.4	333.25	451.	475.6
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10	0.	1.98	10.3	0.	12.913	3.593	0.	0.	4.025	9.89

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### Annual Analysis for 1974 - Station SAMO0030

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	13	55.	54.462	64.	41.	53.936	7.344	42.6	47.5	60.	63.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	14	1485.	1489.286	1730.	1040.	29930.22	173.004	1205.	1417.5	1632.5	1715.
00300	OXYGEN, DISSOLVED MG/L	15	8.3	8.833	12.1	6.6	2.748	1.658	6.78	7.6	9.8	11.62
00310	BOD, 5 DAY, 20 DEG C MG/L	14	3.	4.786	27.	1.	43.104	6.565	1.5	2.	4.25	17.
00335	COD, .025N K2CR2O7 MG/L	11	10.	10.455	24.	2.	40.873	6.393	2.6	6.	12.	23.

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### Annual Analysis for 1974 - Station SAMO0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	PH, LAB, STANDARD UNITS SU	09/05/72-09/20/78	14	8.15	8.193	8.9	7.9	0.073	0.27	7.9	8.	8.325	8.7
00403	CONVERTED PH, LAB, STANDARD UNITS	09/05/72-09/20/78	14	8.147	8.132	8.9	7.9	0.077	0.278	7.9	8.	8.325	8.7
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/05/72-09/20/78	14	0.007	0.007	0.013	0.001	0.	0.003	0.002	0.005	0.01	0.013
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/05/72-11/15/77	14	290.	282.786	337.	162.	1462.335	38.24	213.	281.	295.5	320.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/04/72-09/20/78	14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/04/72-09/20/78	14	0.05	0.395	2.17	0.	0.458	0.677	0.	0.	0.51	1.855
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	09/05/72-02/28/78	14	560.	554.286	656.	366.	4749.451	68.916	436.5	523.75	609.5	635.
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	09/05/72-02/28/78	14	117.	118.507	148.	85.3	243.887	15.617	95.65	107.75	131.5	141.9
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	09/05/72-02/28/78	14	64.3	62.807	69.4	37.2	65.004	8.062	47.8	61.675	67.325	69.25
00930	SODIUM, DISSOLVED (MG/L AS Na)	09/05/72-02/28/78	14	120.	118.693	160.	77.	334.998	18.303	89.5	110.75	127.75	145.5
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/05/72-02/28/78	14	5.05	5.214	8.	3.2	1.187	1.09	3.75	4.55	5.7	7.
00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/05/72-09/20/78	14	98.	98.643	113.	79.	90.709	9.524	82.5	93.5	106.5	111.5
00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/05/72-09/20/78	14	371.5	379.036	480.	265.	3432.787	58.59	295.5	336.25	417.	477.5
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/07/74-09/20/78	10	0.045	0.062	0.2	0.02	0.003	0.056	0.02	0.02	0.08	0.191
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/05/72-09/20/78	14	0.15	1.736	9.6	0.	9.001	3.	0.	0.	2.275	8.2

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1975 - Station SAMO0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-09/20/78	13	50.	52.923	68.	42.	92.744	9.63	42.	43.5	61.5	66.8
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/05/72-09/20/78	12	1435.	1368.333	1600.	820.	41924.242	204.754	910.	1367.5	1457.5	1561.
00300	OXYGEN, DISSOLVED MG/L	09/05/72-09/20/78	13	8.4	8.838	11.1	6.1	2.961	1.721	6.42	7.2	10.55	10.98
00310	BOD, 5 DAY, 20 DEG C MG/L	10/04/72-09/20/78	12	2.	2.167	8.	0.	3.97	1.992	0.3	1.	2.	6.5
00335	COD, .025N K2CR2O7 MG/L	10/04/72-09/20/78	12	16.	27.5	140.	8.	1301.	36.069	8.6	12.25	27.	106.7
00403	PH, LAB, STANDARD UNITS SU	09/05/72-09/20/78	13	8.2	8.215	8.7	7.7	0.048	0.219	7.86	8.1	8.3	8.54
00403	CONVERTED PH, LAB, STANDARD UNITS	09/05/72-09/20/78	13	8.2	8.161	8.7	7.7	0.051	0.226	7.86	8.1	8.3	8.54
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/05/72-09/20/78	13	0.006	0.007	0.02	0.002	0.	0.004	0.003	0.005	0.008	0.015
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/05/72-11/15/77	13	279.	265.385	303.	121.	2089.423	45.71	175.8	259.	286.5	301.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/04/72-09/20/78	13	0.	0.01	0.08	0.	0.001	0.025	0.	0.	0.	0.068
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/04/72-09/20/78	13	0.02	2.12	21.37	0.	34.303	5.857	0.	0.	1.325	14.022
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	09/05/72-02/28/78	13	533.	523.077	605.	282.	6166.744	78.529	366.	520.	562.5	596.6
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	09/05/72-02/28/78	13	116.	113.954	132.	63.4	272.694	16.513	82.44	112.	122.5	130.4
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/05/72-02/28/78	13	59.6	58.069	69.2	30.	95.984	9.797	37.76	57.	63.75	68.32
00930	SODIUM, DISSOLVED (MG/L AS Na)	09/05/72-02/28/78	13	107.	104.492	116.	58.4	220.351	14.844	75.44	102.5	114.5	115.6
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/05/72-02/28/78	13	4.3	4.462	6.2	3.7	0.573	0.757	3.74	3.85	4.8	5.96
00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/05/72-09/20/78	13	95.	90.308	116.	42.	346.064	18.603	54.	82.	101.	111.6
00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/05/72-09/20/78	13	363.	352.846	428.	224.	3098.141	55.661	253.2	320.5	397.5	422.4
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/07/74-09/20/78	12	0.04	0.066	0.23	0.02	0.004	0.063	0.02	0.023	0.108	0.197
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/05/72-09/20/78	13	0.	2.1	13.2	0.	16.872	4.108	0.	0.	2.65	11.28

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1976 - Station SAMO0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-09/20/78	13	57.	57.423	72.	46.	48.244	6.946	47.6	53.	62.75	69.2
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/05/72-09/20/78	12	1425.	1416.667	1520.	1300.	6278.788	79.239	1303.	1340.	1487.5	1517.
00300	OXYGEN, DISSOLVED MG/L	09/05/72-09/20/78	13	7.2	7.415	9.4	5.	2.465	1.57	5.2	6.1	9.25	9.4
00310	BOD, 5 DAY, 20 DEG C MG/L	10/04/72-09/20/78	11	2.	1.727	4.	1.	0.818	0.905	1.	1.	2.	3.6
00335	COD, .025N K2CR2O7 MG/L	10/04/72-09/20/78	12	17.	18.417	33.	2.	76.811	8.764	3.8	16.	22.25	33.
00403	PH, LAB, STANDARD UNITS SU	09/05/72-09/20/78	12	8.	7.983	8.2	7.7	0.022	0.147	7.73	7.9	8.075	8.2
00403	CONVERTED PH, LAB, STANDARD UNITS	09/05/72-09/20/78	12	8.	7.96	8.2	7.7	0.022	0.149	7.73	7.9	8.075	8.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/05/72-09/20/78	12	0.01	0.011	0.02	0.006	0.	0.004	0.006	0.008	0.013	0.019

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot



### Annual Analysis for 1976 - Station SAMO0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/05/72-11/15/77	12	267.5	264.	285.	242.	275.636	16.602	242.6	244.	280.5	284.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/04/72-09/20/78	12	0.	0.053	0.24	0.	0.01	0.098	0.	0.	0.12	0.24
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/04/72-09/20/78	12	0.	0.081	0.97	0.	0.078	0.28	0.	0.	0.	0.679
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	09/05/72-02/28/78	12	531.	491.917	561.	158.	12080.992	109.914	251.6	481.75	550.25	559.5
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	09/05/72-02/28/78	12	110.5	110.667	125.	102.	56.788	7.536	102.	103.5	115.25	124.1
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	09/05/72-02/28/78	12	60.3	59.525	68.5	52.1	28.658	5.353	52.19	54.325	64.175	67.66
00930	SODIUM, DISSOLVED (MG/L AS Na)	09/05/72-02/28/78	12	109.5	110.	124.	101.	58.182	7.628	101.	103.25	116.	122.8
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/05/72-02/28/78	12	4.5	4.375	4.7	3.8	0.097	0.311	3.83	4.1	4.6	4.67
00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/05/72-09/20/78	12	99.	99.083	105.	95.	12.083	3.476	95.	96.	102.25	104.7
00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/05/72-09/20/78	12	350.	349.75	407.	296.	1102.75	33.208	300.5	318.25	374.75	401.3
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/07/74-09/20/78	12	0.03	0.028	0.05	0.	0.	0.017	0.003	0.01	0.04	0.05
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/05/72-09/20/78	12	0.	0.358	4.3	0.	1.541	1.241	0.	0.	0.	3.01

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1977 - Station SAMO0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-09/20/78	10	55.5	55.5	69.	43.	50.944	7.138	43.7	50.	59.75	68.3
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/05/72-09/20/78	12	1370.	1319.25	1540.	951.	39723.114	199.307	968.7	1132.5	1467.5	1525.
00300	OXYGEN, DISSOLVED MG/L	09/05/72-09/20/78	11	7.3	7.245	10.	4.6	3.339	1.827	4.6	5.8	8.8	9.86
00310	BOD, 5 DAY, 20 DEG C MG/L	10/04/72-09/20/78	12	2.	2.667	9.	1.	7.697	2.774	1.	1.	2.	8.7
00335	COD, .025N K2CR2O7 MG/L	10/04/72-09/20/78	11	21.	26.182	59.	7.	292.564	17.104	8.2	16.	30.	58.8
00403	PH, LAB, STANDARD UNITS SU	09/05/72-09/20/78	12	8.2	8.175	8.5	7.5	0.102	0.319	7.59	7.95	8.5	8.5
00403	CONVERTED PH, LAB, STANDARD UNITS	09/05/72-09/20/78	12	8.2	8.053	8.5	7.5	0.118	0.344	7.59	7.95	8.5	8.5
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/05/72-09/20/78	12	0.006	0.009	0.032	0.003	0.	0.008	0.003	0.003	0.011	0.027
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/05/72-11/15/77	9	229.	237.111	283.	155.	1634.861	40.433	155.	218.5	275.	283.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/04/72-09/20/78	8	0.078	0.058	0.1	0.	0.002	0.04	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/04/72-09/20/78	12	0.01	0.5	2.31	0.	0.71	0.843	0.	0.	1.27	2.124
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	09/05/72-02/28/78	4	444.	434.	548.	300.	17050.667	130.578	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	09/05/72-02/28/78	4	98.8	95.4	115.	69.	522.107	22.85	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/05/72-02/28/78	4	47.5	47.45	63.8	31.	321.417	17.928	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/05/72-02/28/78	4	92.	92.95	112.	75.8	350.277	18.716	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/05/72-02/28/78	4	4.3	6.675	14.	4.1	23.863	4.885	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/05/72-09/20/78	11	100.	96.455	116.	64.	262.473	16.201	65.	90.	107.	114.4
00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/05/72-09/20/78	12	354.5	331.917	386.	203.	3369.174	58.045	218.	286.25	369.	384.8
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/07/74-09/20/78	11	0.03	0.048	0.15	0.01	0.002	0.041	0.012	0.03	0.05	0.14
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/05/72-09/20/78	11	0.1	2.418	10.2	0.	14.732	3.838	0.	0.	7.	9.66

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1978 - Station SAMO0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-09/20/78	11	55.	54.727	60.	49.	9.818	3.133	49.2	54.	56.	59.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/05/72-09/20/78	12	1195.	1056.417	1560.	341.	197912.447	444.874	359.6	574.5	1437.5	1527.
00300	OXYGEN, DISSOLVED MG/L	09/05/72-09/20/78	8	8.65	8.637	9.8	6.8	0.92	0.959	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	10/04/72-09/20/78	12	1.	2.667	8	0.	7.152	2.674	0.3	1.	4.75	7.7
00335	COD, .025N K2CR2O7 MG/L	10/04/72-09/20/78	12	20.5	33.917	109.	5.	1282.083	35.806	5.3	8.25	64.	102.4
00403	PH, LAB, STANDARD UNITS SU	09/05/72-09/20/78	12	8.2	7.992	8.5	7.1	0.206	0.454	7.16	7.575	8.3	8.44
00403	CONVERTED PH, LAB, STANDARD UNITS	09/05/72-09/20/78	12	8.2	7.736	8.5	7.1	0.278	0.527	7.16	7.575	8.3	8.44
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/05/72-09/20/78	12	0.006	0.018	0.079	0.003	0.001	0.024	0.004	0.005	0.028	0.071
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/04/72-09/20/78	10	0.07	0.105	0.47	0.02	0.017	0.129	0.025	0.07	0.07	0.43
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/04/72-09/20/78	10	2.76	2.667	5.4	0.22	3.931	1.983	0.22	0.415	4.275	5.391
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	09/05/72-02/28/78	4	156.	181.75	280.	135.	4682.25	68.427	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1978 - Station SAMO0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/05/72-02/28/78	4	52.	48.25	58.	31.	164.25	12.816	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/05/72-02/28/78	4	14.5	18.25	33.	11.	99.583	9.979	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/05/72-02/28/78	4	25.	33.25	65.	18.	464.917	21.562	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/05/72-02/28/78	4	10.	10.	14.	6.	13.333	3.651	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/05/72-09/20/78	12	57.	58.667	101.	12.	1047.515	32.365	12.6	29.	95.	100.4
00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/05/72-09/20/78	12	325.5	279.25	470.	57.	21188.568	145.563	64.5	119.	417.5	460.1
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/07/74-09/20/78	9	0.06	0.081	0.21	0.01	0.005	0.074	0.01	0.015	0.15	0.21
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/05/72-09/20/78	12	10.7	11.425	23.9	0.	67.104	8.192	0.	3.575	17.3	23.78

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### Seasonal Analysis for Season #1: 6/01 to 10/31 - Station SAMO0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/05/72-09/20/78	29	1430.	1407.241	1610.	1070.	10842.118	104.125	1300.	1355.	1460.	1510.
00300	OXYGEN, DISSOLVED MG/L	09/05/72-09/20/78	30	7.15	7.01	8.9	4.6	1.411	1.188	5.05	6.175	7.975	8.58
00403	PH, LAB, STANDARD UNITS SU	09/05/72-09/20/78	30	8.2	8.13	8.5	7.7	0.043	0.207	7.81	8.	8.3	8.48
00403	CONVERTED PH, LAB, STANDARD UNITS	09/05/72-09/20/78	30	8.2	8.082	8.5	7.7	0.045	0.213	7.81	8.	8.3	8.48
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/05/72-09/20/78	30	0.006	0.008	0.02	0.003	0.	0.004	0.003	0.005	0.01	0.016
00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/05/72-09/20/78	29	101.	102.207	119.	94.	37.741	6.143	95.	98.	105.5	111.
00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/05/72-09/20/78	30	352.5	357.233	476.	269.	1387.151	37.244	324.3	334.5	381.25	405.1
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/05/72-09/20/78	30	0.	0.447	7.5	0.	2.279	1.51	0.	0.	0.	2.01

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #2: 11/01 to 2/29 - Station SAMO0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/05/72-09/20/78	31	1420.	1261.226	1730.	341.	166310.847	407.812	494.4	951.	1590.	1678.
00300	OXYGEN, DISSOLVED MG/L	09/05/72-09/20/78	26	9.45	9.292	12.1	6.3	2.19	1.48	6.87	8.175	10.325	11.16
00403	PH, LAB, STANDARD UNITS SU	09/05/72-09/20/78	31	8.2	8.081	8.9	7.1	0.128	0.357	7.5	8.	8.3	8.38
00403	CONVERTED PH, LAB, STANDARD UNITS	09/05/72-09/20/78	31	8.2	7.902	8.9	7.1	0.161	0.401	7.5	8.	8.3	8.38
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/05/72-09/20/78	31	0.006	0.013	0.079	0.001	0.	0.016	0.004	0.005	0.01	0.032
00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/05/72-09/20/78	30	97.	85.833	125.	12.	1034.42	32.162	26.6	65.25	107.	116.
00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/05/72-09/20/78	30	333.	315.75	480.	57.	11671.013	108.032	107.	258.5	393.625	426.9
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/05/72-09/20/78	29	1.5	5.245	23.9	0.	51.6	7.183	0.	0.	9.8	17.

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #3: 3/01 to 5/31 - Station SAMO0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/05/72-09/20/78	17	1470.	1441.765	1660.	1010.	24102.941	155.251	1122.	1420.	1520.	1628.
00300	OXYGEN, DISSOLVED MG/L	09/05/72-09/20/78	18	8.95	8.911	11.4	6.1	1.519	1.232	7.09	8.175	9.55	10.86
00403	PH, LAB, STANDARD UNITS SU	09/05/72-09/20/78	17	8.3	8.241	8.7	7.9	0.046	0.215	7.9	8.1	8.35	8.54
00403	CONVERTED PH, LAB, STANDARD UNITS	09/05/72-09/20/78	17	8.3	8.193	8.7	7.9	0.049	0.221	7.9	8.1	8.35	8.54
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/05/72-09/20/78	17	0.005	0.006	0.013	0.002	0.	0.003	0.003	0.004	0.008	0.013
00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/05/72-09/20/78	17	86.	82.529	105.	48.	264.015	16.249	57.6	69.	96.	101.
00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/05/72-09/20/78	17	388.	395.529	472.	253.	3035.14	55.092	301.8	372.5	437.	470.4
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/05/72-09/20/78	17	1.	4.347	17.4	0.	29.574	5.438	0.	0.	9.3	11.8

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

## Station Inventory for Station: SAMO0031

NPS Station ID: SAMO0031  
 Location: L.A. RIVER/DESOTO AVE BRIDGE  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070105  
 Major Basin: CALIFORNIA  
 Minor Basin: LOS ANGELES RIVER  
 RF1 Index: 18070105  
 RF3 Index: 18070105012100.00  
 Description:

LAT/LON: 34.195003/-118.587505

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 1.99

Agency: 21CAL-4  
 FIPS State/County: 06037 CALIFORNIA/LOS ANGELES  
 STORET Station ID(s): WB0441142183515  
 Within Park Boundary: No

Date Created: 05/02/87

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 1.90  
 Distance from RF3: 0.00

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: SAMO0031

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00341 COD, DISSOLVED, .25N K2CR2O7 MG/L	11/20/86-11/20/86	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	11/20/86-11/20/86	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	11/20/86-11/20/86	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/20/86-11/20/86	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	11/20/86-11/20/86	1	292.	292.	292.	292.	0.	0.	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	11/20/86-11/20/86	1	292.	292.	292.	292.	0.	0.	**	**	**	**
00445 CARBONATE ION (MG/L AS CO3)	11/20/86-11/20/86	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	11/20/86-11/20/86	1	551.	551.	551.	551.	0.	0.	**	**	**	**
00918 CALCIUM,TOTAL RECOVERABLE IN WATER AS Ca MG/L	11/20/86-11/20/86	1	148.	148.	148.	148.	0.	0.	**	**	**	**
00921 MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	11/20/86-11/20/86	1	44.	44.	44.	44.	0.	0.	**	**	**	**
00923 SODIUM,TOTAL RECOVERABLE IN WATER AS Na MG/L	11/20/86-11/20/86	1	103.	103.	103.	103.	0.	0.	**	**	**	**
00939 POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	11/20/86-11/20/86	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00940 CHLORIDE,TOTAL IN WATER MG/L	11/20/86-11/20/86	1	100.	100.	100.	100.	0.	0.	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	11/20/86-11/20/86	1	335.	335.	335.	335.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	11/20/86-11/20/86	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00980 IRON,TOTAL RECOVERABLE IN WATER AS Fe UG/L	11/20/86-11/20/86	1	50.	50.	50.	50.	0.	0.	**	**	**	**
00985 VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	11/20/86-11/20/86	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
00999 BORON,TOTAL RECOVERABLE IN WATER AS B UG/L	11/20/86-11/20/86	1	650.	650.	650.	650.	0.	0.	**	**	**	**
01002 ARSENIC, TOTAL (UG/L AS As)	11/20/86-11/20/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01007 BARIUM, TOTAL (UG/L AS Ba)	11/20/86-11/20/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01012 BERYLLIUM, TOTAL (UG/L AS Be)	11/20/86-11/20/86	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01027 CADMIUM, TOTAL (UG/L AS Cd)	11/20/86-11/20/86	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01032 CHROMIUM, HEXAVALENT (UG/L AS Cr)	11/20/86-11/20/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01034 CHROMIUM, TOTAL (UG/L AS Cr)	11/20/86-11/20/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01037 COBALT, TOTAL (UG/L AS Co)	11/20/86-11/20/86	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
01042 COPPER, TOTAL (UG/L AS Cu)	11/20/86-11/20/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01051 LEAD, TOTAL (UG/L AS Pb)	11/20/86-11/20/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01059 THALLIUM, TOTAL (UG/L AS Tl)	11/20/86-11/20/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01067 NICKEL, TOTAL (UG/L AS Ni)	11/20/86-11/20/86	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
01077 SILVER, TOTAL (UG/L AS Ag)	11/20/86-11/20/86	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01092 ZINC, TOTAL (UG/L AS Zn)	11/20/86-11/20/86	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
01097 ANTIMONY, TOTAL (UG/L AS Sb)	11/20/86-11/20/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01102 TIN, TOTAL (UG/L AS Sn)	11/20/86-11/20/86	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
01123 MANGANESE,TOTAL RECOVERABLE IN WATER AS Mn UG/L	11/20/86-11/20/86	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01147 SELENIUM, TOTAL (UG/L AS Se)	11/20/86-11/20/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01291 CYANIDE, FILTERABLE, TOTAL IN WATER UG/L	11/20/86-11/20/86	1	6.	6.	6.	6.	0.	0.	**	**	**	**
32101 BROMODICHLOROMETHANE,WHOLE WATER,UG/L	11/20/86-03/24/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
32102 CARBON TETRACHLORIDE,WHOLE WATER,UG/L	11/20/86-03/24/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

# Parameter Inventory for Station: SAMO0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32104	BROMOFORM,WHOLE WATER,UG/L	11/20/86-03/24/87	2##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	11/20/86-03/24/87	2##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
32106	CHLOROFORM,WHOLE WATER,UG/L	11/20/86-03/24/87	2##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	11/20/86-03/24/87	2##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	11/20/86-03/24/87	2##	0.175	0.175	0.25	0.1	0.011	0.106	**	**	**	**
34200	ACENAPHTHYLENE TOTWUG/L	11/20/86-11/20/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34205	ACENAPHTHENE TOTWUG/L	11/20/86-11/20/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34220	ANTHRACENE TOTWUG/L	11/20/86-11/20/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	11/20/86-11/20/86	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	11/20/86-11/20/86	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34247	BENZO-A-PYRENE TOTWUG/L	11/20/86-11/20/86	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	11/20/86-11/20/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	11/20/86-11/20/86	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	11/20/86-11/20/86	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	11/20/86-11/20/86	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	11/20/86-11/20/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34301	CHLOROBENZENE TOTWUG/L	11/20/86-03/24/87	2##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34311	CHLOROETHANE TOTWUG/L	11/20/86-03/24/87	2##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34320	CHRYSENE TOTWUG/L	11/20/86-11/20/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34336	DIETHYL PHTHALATE TOTWUG/L	11/20/86-11/20/86	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34341	DIMETHYL PHTHALATE TOTWUG/L	11/20/86-11/20/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34351	ENDOSULFAN SULFATE TOTWUG/L	11/20/86-11/20/86	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34356	ENDOSULFAN, BETA TOTWUG/L	11/20/86-11/20/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34361	ENDOSULFAN, ALPHA TOTWUG/L	11/20/86-11/20/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34366	ENDRIN ALDEHYDE TOTWUG/L	11/20/86-11/20/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	11/20/86-03/24/87	2##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34376	FLUORANTHENE TOTWUG/L	11/20/86-11/20/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34381	FLUORENE TOTWUG/L	11/20/86-11/20/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	11/20/86-11/20/86	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34391	HEXACHLOROBUTADIENE TOTWUG/L	11/20/86-11/20/86	1##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34396	HEXACHLOROETHANE TOTWUG/L	11/20/86-11/20/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	11/20/86-11/20/86	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34408	ISOPHORONE TOTWUG/L	11/20/86-11/20/86	1	28.	28.	28.	28.	0.	0.	**	**	**	**
34413	METHYL BROMIDE TOTWUG/L	11/20/86-03/24/87	2##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34418	METHYL CHLORIDE TOTWUG/L	11/20/86-03/24/87	2##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	11/20/86-03/24/87	2##	3.175	3.175	6.1	0.25	17.111	4.137	**	**	**	**
34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	11/20/86-11/20/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34433	N-NITROSODIPHENYLAMINE TOTWUG/L	11/20/86-11/20/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34447	NITROBENZENE TOTWUG/L	11/20/86-11/20/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34452	PARACHLOROMETA CRESOL TOTWUG/L	11/20/86-11/20/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34461	PHENANTHRENE TOTWUG/L	11/20/86-11/20/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34469	PYRENE TOTWUG/L	11/20/86-11/20/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	11/20/86-03/24/87	2	26.5	26.5	29.	24.	12.5	3.536	**	**	**	**
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	11/20/86-03/24/87	2##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34496	1,1-DICHLOROETHANE TOTWUG/L	11/20/86-03/24/87	2##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34501	1,1-DICHLOROETHYLENE TOTWUG/L	11/20/86-03/24/87	2	5.45	5.45	6.3	4.6	1.445	1.202	**	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	11/20/86-03/24/87	2	1.5	1.5	1.8	1.2	0.18	0.424	**	**	**	**
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	11/20/86-03/24/87	2##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	11/20/86-03/24/87	2##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34521	BENZO(GH)PERYLENE,12-BENZOPERYLENE TOTWUG/L	11/20/86-11/20/86	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34526	BENZO(A)ANTHRACENE,12-BENZANTHRACENE TOTWUG/L	11/20/86-11/20/86	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34531	1,2-DICHLOROETHANE TOTWUG/L	11/20/86-03/24/87	2##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34536	1,2-DICHLOROBENZENE TOTWUG/L	03/24/87-03/24/87	1##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34541	1,2-DICHLOROPROPANE TOTWUG/L	11/20/86-03/24/87	2##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	11/20/86-03/24/87	2##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	11/20/86-11/20/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	11/20/86-11/20/86	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34566	1,3-DICHLOROBENZENE TOTWUG/L	03/24/87-03/24/87	1##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34571	1,4-DICHLOROBENZENE TOTWUG/L	03/24/87-03/24/87	1##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	11/20/86-03/24/87	2##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34581	2-CHLORONAPHTHALENE TOTWUG/L	11/20/86-11/20/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34586	2-CHLOROPHENOL TOTWUG/L	11/20/86-11/20/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34591	2-NITROPHENOL TOTWUG/L	11/20/86-11/20/86	1##	1.	1.	1.	1.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: SAMO0031

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34596	DI-N-OCTYL PHTHALATE TOTWUG/L	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34601	2,4-DICHLOROPHENOL TOTWUG/L	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34606	2,4-DIMETHYLPHENOL TOTWUG/L	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34611	2,4-DINITROTOLUENE TOTWUG/L	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34616	2,4-DINITROPHENOL TOTWUG/L	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34626	2,6-DINITROTOLUENE TOTWUG/L	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34631	3,3'-DICHLORO BENZIDINE TOTWUG/L	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34646	4-NITROPHENOL TOTWUG/L	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34668	DICHLORODIFUOROMETHANE TOTWUG/L	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34671	PCB - 1016 TOTWUG/L	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	2 ##	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
34696	NAPHTHALENE TOTWUG/L	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39045	2,4,5-TP INCLUDES ACIDS & SALTS WATER SAMPL UG/L	1 ##	0.125	0.125	0.125	0.125	0.	0.	**	**	**	**
39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	1	25.	25.	25.	25.	0.	0.	**	**	**	**
39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	1 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	2	19.5	19.5	20.	19.	0.5	0.707	**	**	**	**
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	1	2.7	2.7	2.7	2.7	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
39700	HEXACHLORO BENZENE IN WHOLE WATER SAMPLE (UG/L)	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
70304	SOLIDS, TOTAL DISSOLVED-COND. METER (MG/L)	1	1021.	1021.	1021.	1021.	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	1	35.	35.	35.	35.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
77128	STYRENE WHOLE WATER,UG/L	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
77134	1,3-DIMETHYLBENZENE(M-XYLENE) WHOLE WATER,UG/L	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
77135	O-XYLENE WHOLE WATER,UG/L	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
81596	METHYL-ISOBUTYL KETONE WHL WATER SMPL UG/L	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
81710	M-XYLENE IN THE WHOLE WATER SAMPLE MG/L	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
81711	O-XYLENE IN THE WHOLE WATER SAMPLE MG/L	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0031

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400 PH	Other-Hi Lim.	9.	1	0	0.00				1	0	0.00						
	Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00940 CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
	Drinking Water	250.	1	0	0.00				1	0	0.00						
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	1	1.00				1	1	1.00						
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00				1	0	0.00						
01002 ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00				1	0	0.00						
	Drinking Water	50.	1	0	0.00				1	0	0.00						
01007 BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00				1	0	0.00						
01012 BERYLLIUM, TOTAL	Fresh Acute	130.	1	0	0.00				1	0	0.00						
	Drinking Water	4.	1	0	0.00				1	0	0.00						
01027 CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00				1	0	0.00						
	Drinking Water	5.	1	0	0.00				1	0	0.00						
01032 CHROMIUM, HEXAVALENT	Fresh Acute	16.	1	0	0.00				1	0	0.00						
	Drinking Water	100.	1	0	0.00				1	0	0.00						
01034 CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00				1	0	0.00						
01042 COPPER, TOTAL	Fresh Acute	18.	1	0	0.00				1	0	0.00						
	Drinking Water	1300.	1	0	0.00				1	0	0.00						
01051 LEAD, TOTAL	Fresh Acute	82.	1	0	0.00				1	0	0.00						
	Drinking Water	15.	1	0	0.00				1	0	0.00						
01059 THALLIUM, TOTAL	Fresh Acute	1400.	1	0	0.00				1	0	0.00						
	Drinking Water	2.	1	0	0.00				1	0	0.00						
01067 NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00				1	0	0.00						
	Drinking Water	100.	1	0	0.00				1	0	0.00						
01077 SILVER, TOTAL	Fresh Acute	4.1	1	0	0.00				1	0	0.00						
	Drinking Water	100.	1	0	0.00				1	0	0.00						
01092 ZINC, TOTAL	Fresh Acute	120.	1	0	0.00				1	0	0.00						
	Drinking Water	5000.	1	0	0.00				1	0	0.00						
01097 ANTIMONY, TOTAL	Fresh Acute	88.	1	0	0.00				1	0	0.00						
	Drinking Water	6.	1	0	0.00				1	0	0.00						
01147 SELENIUM, TOTAL	Fresh Acute	20.	1	0	0.00				1	0	0.00						
	Drinking Water	50.	1	0	0.00				1	0	0.00						
01291 CYANIDE, FILTERABLE, TOTAL IN WATER	Fresh Acute	22.	1	0	0.00				1	0	0.00						
	Drinking Water	200.	1	0	0.00				1	0	0.00						
32101 BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	2	0	0.00				1	0	0.00	1	0	0.00			
32102 CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	5.	2	0	0.00				1	0	0.00	1	0	0.00			
32104 BROMOFORM, WHOLE WATER	Drinking Water	100.	2	0	0.00				1	0	0.00	1	0	0.00			
32105 DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	2	0	0.00				1	0	0.00	1	0	0.00			
32106 CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	100.	2	0	0.00				1	0	0.00	1	0	0.00			
34010 TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	1000.	2	0	0.00				1	0	0.00	1	0	0.00			
34205 ACENAPHTHENE, TOTAL	Fresh Acute	1700.	1	0	0.00				1	0	0.00						
34301 CHLOROBENZENE, TOTAL	Drinking Water	100.	2	0	0.00				1	0	0.00	1	0	0.00			
34356 ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	0 &	0	0.00												
34361 ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	0 &	0	0.00												
34371 ETHYLBENZENE, TOTAL	Fresh Acute	32000.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	700.	2	0	0.00				1	0	0.00	1	0	0.00			
34376 FLUORANTHENE, TOTAL	Fresh Acute	3980.	1	0	0.00				1	0	0.00						
34386 HEXACHLOROCYCLOPENTADIENE	Fresh Acute	7.	1	0	0.00				1	0	0.00						
34386 HEXACHLOROCYCLOPENTADIENE, TOTAL	Drinking Water	50.	1	0	0.00				1	0	0.00						
34391 HEXACHLOROBUTADIENE, TOTAL	Fresh Acute	90.	1	0	0.00				1	0	0.00						
34396 HEXACHLOROETHANE, TOTAL	Fresh Acute	980.	1	0	0.00				1	0	0.00						
34403 IDENO (1,2,3-CD) PYRENE	Drinking Water	0.4	0 &	0	0.00												
34408 ISOPHORONE, TOTAL	Fresh Acute	117000.	1	0	0.00				1	0	0.00						
34423 METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	2	1	0.50				1	0	0.00	1	1	1.00			
34447 NITROBENZENE, TOTAL	Fresh Acute	27000.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### EPA Water Quality Criteria Analysis for Station: SAMO0031

Parameter	Std. Type	Std. Value	Total			-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
			Obs	Exceed Standard	Prop. Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
34452 PARACHLOROMETA CRESOL, TOTAL	Fresh Acute	30.	1	0	0.00				1	0	0.00						
34461 PHENANTHRENE, TOTAL	Fresh Acute	30.	1	0	0.00				1	0	0.00						
34475 TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	5.	2	2	1.00				1	1	1.00	1	1	1.00			
34501 1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	2	0	0.00				1	0	0.00	1	0	0.00			
34506 1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	2	0	0.00				1	0	0.00	1	0	0.00			
34511 1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	2	0	0.00				1	0	0.00	1	0	0.00			
34531 1,2-DICHLOROETHANE, TOTAL	Fresh Acute	118000.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	5.	2	0	0.00				1	0	0.00	1	0	0.00			
34536 1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00							1	0	0.00			
34541 1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	2	0	0.00				1	0	0.00	1	0	0.00			
34546 TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	2	0	0.00				1	0	0.00	1	0	0.00			
34551 1,2,4-TRICHLOROBENZENE, TOTAL	Drinking Water	70.	1	0	0.00				1	0	0.00						
34566 1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00							1	0	0.00			
34571 1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	1	0	0.00							1	0	0.00			
34586 2-CHLOROPHENOL, TOTAL	Fresh Acute	4380.	1	0	0.00				1	0	0.00						
34601 2,4-DICHLOROPHENOL, TOTAL	Fresh Acute	2020.	1	0	0.00				1	0	0.00						
34606 2,4-DIMETHYLPHENOL, TOTAL	Fresh Acute	2120.	1	0	0.00				1	0	0.00						
34611 2,4-DINITROTOLUENE, TOTAL	Fresh Acute	330.	1	0	0.00				1	0	0.00						
34694 PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	Fresh Acute	10200.	2	0	0.00				2	0	0.00						
34696 NAPHTHALENE, TOTAL	Fresh Acute	2300.	1	0	0.00				1	0	0.00						
39032 PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	1	0	0.00				1	0	0.00						
	Drinking Water	1.	0 &	0	0.00												
39045 2,4,5-TP INCLUDES ACIDS & SALTS WATER SA	Drinking Water	50.	1	0	0.00				1	0	0.00						
39100 BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	Fresh Acute	2000.	1	0	0.00				1	0	0.00						
	Drinking Water	6.	1	1	1.00				1	1	1.00						
39175 VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	2	0	0.00				1	0	0.00	1	0	0.00			
39180 TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	5.	2	2	1.00				1	1	1.00	1	1	1.00			
39300 P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	1	0	0.00				1	0	0.00						
39310 P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	0 &	0	0.00												
39320 P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	1	0	0.00				1	0	0.00						
39330 ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	1	0	0.00				1	0	0.00						
39340 GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	1	0	0.00				1	0	0.00						
	Drinking Water	0.2	0 &	0	0.00												
39370 DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	1	1	1.00				1	1	1.00						
39380 DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	1	0	0.00				1	0	0.00						
39390 ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	0 &	0	0.00												
	Drinking Water	2.	1	0	0.00				1	0	0.00						
39410 HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	0 &	0	0.00												
	Drinking Water	0.4	0 &	0	0.00												
39420 HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	0 &	0	0.00												
	Drinking Water	0.2	0 &	0	0.00												
39700 HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Drinking Water	1.	0 &	0	0.00												
39700 HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	1	0	0.00				1	0	0.00						
71851 NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00				1	0	0.00						
71900 MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00				1	0	0.00						
	Drinking Water	2.	1	0	0.00				1	0	0.00						
77093 CIS-1,2-DICHLOROETHYLENE, WHOLE WATER	Drinking Water	70.	2	0	0.00				1	0	0.00	1	0	0.00			
77128 STYRENE, WHOLE WATER	Drinking Water	100.	2	0	0.00				1	0	0.00	1	0	0.00			
77651 1,2-DIBROMOETHANE, WHOLE WATER	Drinking Water	0.05	0 &	0	0.00												

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



## Station Inventory for Station: SAMO0032

NPS Station ID: SAMO0032  
 Location: TUNA C NR TOPANGA BCH CA  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070104  
 Major Basin:  
 Minor Basin:  
 RF1 Index: 18070104  
 RF3 Index: 18070104001200.06  
 Description:

LAT/LON: 34.046670/-118.590005

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 0.06

Agency: 112WRD  
 FIPS State/County: 06037 CALIFORNIA/LOS ANGELES  
 STORET Station ID(s): 340248118352401  
 Within Park Boundary: Yes

Date Created: 02/27/82

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 0.70  
 Distance from RF3: 0.05

On/Off RF1:  
 On/Off RF3:

### Parameter Inventory for Station: SAMO0032

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/01/82-08/03/88	15	22.5	20.8	26.	11.5	23.1	4.806	13.	15.	24.	26.
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/30/84-07/24/84	2	25.75	25.75	27.5	24.	6.125	2.475	**	**	**	**
00025 BAROMETRIC PRESSURE (MM OF HG)	01/01/82-08/03/88	14	756.	755.571	760.	746.	23.495	4.847	748.	750.	760.	760.
00061 FLOW, STREAM, INSTANTANEOUS CFS	01/01/82-08/03/88	11	0.06	0.774	6.	0.05	3.097	1.76	0.05	0.05	0.5	5.
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/01/82-08/03/88	15	1160.	1020.2	1290.	425.	75416.886	274.621	434.	900.	1200.	1236.
00300 OXYGEN, DISSOLVED MG/L	01/01/82-08/03/88	14	8.3	8.871	10.8	7.1	1.585	1.259	7.3	7.9	10.25	10.6
00301 OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/01/82-07/28/82	3	103.	109.333	124.	101.	162.333	12.741	**	**	**	**
00400 PH (STANDARD UNITS)	01/01/82-08/03/88	13	8.1	8.076	8.4	7.49	0.081	0.285	7.534	7.9	8.3	8.36
00400 CONVERTED PH (STANDARD UNITS)	01/01/82-08/03/88	13	8.1	7.976	8.4	7.49	0.092	0.304	7.534	7.9	8.3	8.36
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/01/82-08/03/88	13	0.008	0.011	0.032	0.004	0.	0.009	0.004	0.005	0.013	0.029
00403 PH, LAB, STANDARD UNITS SU	01/01/82-08/03/88	14	8.2	8.207	8.4	7.9	0.024	0.154	7.95	8.15	8.325	8.4
00403 CONVERTED PH, LAB, STANDARD UNITS	01/01/82-08/03/88	14	8.2	8.18	8.4	7.9	0.025	0.157	7.95	8.15	8.325	8.4
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/01/82-08/03/88	14	0.006	0.007	0.013	0.004	0.	0.003	0.004	0.005	0.007	0.011
00405 CARBON DIOXIDE (MG/L AS CO2)	01/01/82-03/17/82	2	1.65	1.65	1.8	1.5	0.045	0.212	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	03/02/83-08/03/88	11	216.	195.091	232.	74.	2235.491	47.281	86.8	196.	221.	229.8
00631 NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/01/82-08/03/88	14 ##	0.05	0.586	3.	0.05	1.058	1.029	0.05	0.05	0.775	2.7
00660 PHOSPHATE, ORTHO (MG/L AS PO4)	01/01/82-03/02/83	4	0.105	0.105	0.15	0.06	0.002	0.039	**	**	**	**
00671 PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/01/82-08/03/88	14	0.02	0.021	0.05	0.005	0.	0.015	0.005	0.009	0.033	0.045
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	01/01/82-02/01/86	5	320.	318.	520.	140.	27320.	165.288	**	**	**	**
00902 HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	01/01/82-02/01/86	5	180.	203.	400.	85.	16520.	128.53	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	01/01/82-09/17/87	13	120.	103.923	130.	32.	1099.744	33.162	36.	88.5	120.	130.
00925 MAGNESIUM, DISSOLVED (MG/L AS Mg)	01/01/82-09/17/87	13	53.	44.769	54.	14.	204.026	14.284	15.2	38.	53.	54.
00930 SODIUM, DISSOLVED (MG/L AS Na)	01/01/82-09/17/87	13	59.	51.769	72.	17.	280.192	16.739	19.4	40.	61.	68.4
00931 SODIUM ADSORPTION RATIO	01/01/82-02/01/86	5	0.9	0.88	1.	0.7	0.017	0.13	**	**	**	**
00932 SODIUM, PERCENT	01/01/82-02/01/86	5	21.	20.6	23.	18.	4.3	2.074	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	01/01/82-09/17/87	13	1.7	1.762	2.6	1.3	0.103	0.32	1.38	1.55	1.9	2.32
00940 CHLORIDE, TOTAL IN WATER MG/L	01/01/82-08/03/88	14	54.5	50.714	62.	21.	177.912	13.338	21.5	46.	59.25	62.
00945 SULFATE, TOTAL (MG/L AS SO4)	01/01/82-08/03/88	14	360.	301.5	370.	81.	10440.731	102.18	90.5	250.	360.	370.
00950 FLUORIDE, DISSOLVED (MG/L AS F)	01/01/82-08/03/88	14	0.7	0.629	0.8	0.3	0.024	0.154	0.35	0.55	0.7	0.8
00955 SILICA, DISSOLVED (MG/L AS SiO2)	01/01/82-09/17/87	13	19.	18.923	28.	11.	14.41	3.796	13.4	17.5	19.5	26.
01002 ARSENIC, TOTAL (UG/L AS AS)	05/30/84-08/03/88	9	1.	1.167	2.	0.5	0.438	0.661	0.5	0.5	2.	2.
01020 BORON, DISSOLVED (UG/L AS B)	01/01/82-08/03/88	14	290.	247.857	330.	60.	8356.593	91.414	75.	175.	312.5	325.
01027 CADMIUM, TOTAL (UG/L AS Cd)	05/30/84-08/03/88	9 ##	5.	6.111	15.	5.	11.111	3.333	5.	5.	5.	15.
01034 CHROMIUM, TOTAL (UG/L AS Cr)	05/30/84-08/03/88	9 ##	5.	8.389	20.	0.5	48.986	6.999	0.5	5.	15.	20.
01042 COPPER, TOTAL (UG/L AS Cu)	05/30/84-08/03/88	9 ##	5.	7.778	20.	5.	25.694	5.069	5.	5.	10.	20.
01046 IRON, DISSOLVED (UG/L AS Fe)	01/01/82-09/17/87	13	14.	19.077	75.	1.5	497.66	22.308	1.5	1.5	24.	66.6
01051 LEAD, TOTAL (UG/L AS Pb)	05/30/84-08/03/88	9 ##	50.	50.	50.	50.	0.	0.	50.	50.	50.	50.
01092 ZINC, TOTAL (UG/L AS Zn)	05/30/84-08/03/88	9 ##	5.	12.222	50.	5.	225.694	15.023	5.	5.	15.	50.

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: SAMO0032

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01147 SELENIUM, TOTAL (UG/L AS SE)	05/30/84-08/03/88	9 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
31616 FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	08/03/88-08/03/88	1	12.	12.	12.	12.	0.	0.	**	**	**	**
31616 LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	08/03/88-08/03/88	1	1.079	1.079	1.079	1.079	0.	0.	**	**	**	**
31616 GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =		12.									
31625 FECAL COLIFORM, MF, M-FC, 0.7 UM	01/01/82-08/03/88	12	108.5	1054.5	10000.	3.	8080735.364	2842.663	3.	6.	547.5	7390.
31625 LOG FECAL COLIFORM, MF, M-FC, 0.7 UM	01/01/82-08/03/88	12	2.016	1.872	4.	0.477	1.283	1.133	0.477	0.721	2.719	3.734
31625 GM FECAL COLIFORM, MF, M-FC, 0.7 UM	GEOMETRIC MEAN =		74.488									
31673 FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	01/01/82-09/17/87	10	211.	845.8	3000.	0.	1343520.622	1159.103	4.3	93.25	1750.	2980.
31673 LOG FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	01/01/82-09/17/87	10	2.312	2.318	3.477	0.	1.056	1.028	0.163	1.939	3.221	3.474
31673 GM FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	GEOMETRIC MEAN =		207.908									
39024 PROPANINE, COULSON CONDUCTIVITY, WATER SAMPL (UG/L)	02/01/86-02/01/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39054 SIMETRYNE IN WHOLE WATER (UG/L)	02/01/86-02/01/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39055 SIMAZINE IN WHOLE WATER (UG/L)	02/01/86-02/01/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39056 PROMETONE IN WHOLE WATER (UG/L)	02/01/86-02/01/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39057 PROMETRYNE IN WHOLE WATER (UG/L)	02/01/86-02/01/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39251 PCNS IN BOTTOM DEPOS. (UG/KG DRY SOLIDS)	07/24/86-09/17/87	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39333 ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/24/86-09/17/87	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39343 GAMMA-BHC (LINDANE), SEDIMENTS, DRY WGT, UG/KG	07/24/86-09/17/87	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39351 CHLORDANE (TECH MIX & METABS), SEDIMENTS, DRY WGT, UG/KG	07/24/86-09/17/87	3	2.	2.833	6.	0.5	8.083	2.843	**	**	**	**
39363 DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/24/86-09/17/87	3	0.3	0.217	0.3	0.05	0.021	0.144	**	**	**	**
39368 DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/24/86-09/17/87	3	0.5	0.65	1.4	0.05	0.472	0.687	**	**	**	**
39373 DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/24/86-09/17/87	3	0.6	0.483	0.8	0.05	0.151	0.388	**	**	**	**
39383 DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	07/24/86-09/17/87	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39389 ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	07/24/86-09/17/87	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39393 ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/24/86-09/17/87	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39398 ETHION IN WHOLE WATER SAMPLE (UG/L)	02/01/86-02/01/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39403 TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	07/24/86-09/17/87	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39413 HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	07/24/86-09/17/87	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39423 HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	07/24/86-09/17/87	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39481 METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	07/24/86-09/17/87	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39519 PCBs IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	07/24/86-09/17/87	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39530 MALATHION IN WHOLE WATER SAMPLE (UG/L)	02/01/86-02/01/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39540 PARATHION IN WHOLE WATER SAMPLE (UG/L)	02/01/86-02/01/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39570 DIAZINON IN WHOLE WATER SAMPLE (UG/L)	02/01/86-02/01/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39600 METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	02/01/86-02/01/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39630 ATRAZINE (AATREX) IN WHOLE WATER SAMPLE (UG/L)	02/01/86-02/01/86	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39758 MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	07/24/86-09/17/87	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39786 TRITHION IN WHOLE WATER SAMPLE (UG/L)	02/01/86-02/01/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39790 METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	02/01/86-02/01/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
70300 RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	01/01/82-08/03/88	13	826.	710.231	857.	240.	47868.859	218.79	266.4	583.5	844.	854.6
70301 SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	01/01/82-02/01/86	5	491.	476.2	770.	210.	56687.2	238.091	**	**	**	**
70302 SOLIDS, DISSOLVED-TONS PER DAY	01/01/82-07/28/82	2	0.675	0.675	0.9	0.45	0.101	0.318	**	**	**	**
70303 SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/01/82-03/02/83	4	0.665	0.69	1.1	0.33	0.14	0.374	**	**	**	**
71900 MERCURY, TOTAL (UG/L AS HG)	05/30/84-08/03/88	8 ##	0.05	0.094	0.2	0.05	0.005	0.068	**	**	**	**
80154 SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	02/01/86-02/01/86	1	30.	30.	30.	30.	0.	0.	**	**	**	**
81757 CYANAZINE IN THE WHOLE WATER SAMPLE UG/L	02/01/86-02/01/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
81886 PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	07/24/86-09/17/87	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82184 AMETRYNE (GESAPAX OR EVIK) TOTAL UG/L	02/01/86-02/01/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0032

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	14	0	0.00	9	0	0.00	2	0	0.00	3	0	0.00			
00400 PH	Other-Hi Lim.	9.	13	0	0.00	8	0	0.00	2	0	0.00	3	0	0.00			
	Other-Lo Lim.	6.5	13	0	0.00	8	0	0.00	2	0	0.00	3	0	0.00			
00403 PH, LAB	Other-Hi Lim.	9.	14	0	0.00	9	0	0.00	2	0	0.00	3	0	0.00			
	Other-Lo Lim.	6.5	14	0	0.00	9	0	0.00	2	0	0.00	3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### EPA Water Quality Criteria Analysis for Station: SAMO0032

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00631	NITRITE PLUS NITRATE, DISS. I DET.	10.	14	0	0.00	9	0	0.00	2	0	0.00	3	0	0.00			
00940	CHLORIDE, TOTAL IN WATER	860.	14	0	0.00	9	0	0.00	2	0	0.00	3	0	0.00			
	Fresh Acute	250.	14	0	0.00	9	0	0.00	2	0	0.00	3	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	250.	14	11	0.79	9	9	1.00	2	1	0.50	3	1	0.33			
00950	FLUORIDE, DISSOLVED AS F	4.	14	0	0.00	9	0	0.00	2	0	0.00	3	0	0.00			
01002	ARSENIC, TOTAL	360.	9	0	0.00	7	0	0.00	1	0	0.00	1	0	0.00			
	Drinking Water	50.	9	0	0.00	7	0	0.00	1	0	0.00	1	0	0.00			
01027	CADMIUM, TOTAL	3.9	0 &	0	0.00												
	Fresh Acute	5.	0 &	0	0.00												
01034	CHROMIUM, TOTAL	100.	9	0	0.00	7	0	0.00	1	0	0.00	1	0	0.00			
01042	COPPER, TOTAL	18.	9	1	0.11	7	1	0.14	1	0	0.00	1	0	0.00			
	Drinking Water	1300.	9	0	0.00	7	0	0.00	1	0	0.00	1	0	0.00			
01051	LEAD, TOTAL	82.	9	0	0.00	7	0	0.00	1	0	0.00	1	0	0.00			
	Fresh Acute	15.	0 &	0	0.00												
01092	ZINC, TOTAL	120.	9	0	0.00	7	0	0.00	1	0	0.00	1	0	0.00			
	Fresh Acute	5000.	9	0	0.00	7	0	0.00	1	0	0.00	1	0	0.00			
01147	SELENIUM, TOTAL	20.	9	0	0.00	7	0	0.00	1	0	0.00	1	0	0.00			
	Drinking Water	50.	9	0	0.00	7	0	0.00	1	0	0.00	1	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	200.	1	0	0.00	1	0	0.00									
31625	FECAL COLIFORM, MF	200.	12	4	0.33	8	1	0.13	2	2	1.00	2	1	0.50			
39055	SIMAZINE IN WHOLE WATER	4.	1	0	0.00				1	0	0.00						
39540	PARATHION IN WHOLE WATER SAMPLE	0.065	1	0	0.00				1	0	0.00						
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE	3.	1	0	0.00				1	0	0.00						
71900	MERCURY, TOTAL	2.4	8	0	0.00	7	0	0.00				1	0	0.00			
	Drinking Water	2.	8	0	0.00	7	0	0.00				1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### Seasonal Analysis for Season #1: 6/01 to 10/31 - Station SAMO0032

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	9	24.	23.667	26.	21.	2.813	1.677	21.	22.25	25.	26.
00025	BAROMETRIC PRESSURE (MM OF HG)	9	760.	757.444	760.	750.	12.528	3.539	750.	755.	760.	760.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	9	1160.	1156.444	1290.	978.	7413.778	86.103	978.	1115.	1200.	1290.
00300	OXYGEN, DISSOLVED MG/L	9	8.1	8.167	10.4	7.1	0.873	0.934	7.1	7.55	8.3	10.4
00403	PH, LAB, STANDARD UNITS SU	9	8.2	8.233	8.4	7.9	0.023	0.15	7.9	8.2	8.35	8.4
00403	CONVERTED PH, LAB, STANDARD UNITS	9	8.2	8.208	8.4	7.9	0.023	0.152	7.9	8.2	8.35	8.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	9	0.006	0.006	0.013	0.004	0.	0.003	0.004	0.004	0.006	0.013
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	9##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	9	0.01	0.014	0.04	0.005	0.	0.011	0.005	0.005	0.02	0.04
00940	CHLORIDE,TOTAL IN WATER MG/L	9	58.	57.333	62.	53.	12.25	3.5	53.	54.	61.	62.
00945	SULFATE, TOTAL (MG/L AS SO4)	9	360.	357.778	370.	330.	144.444	12.019	330.	355.	365.	370.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	9	0.7	0.711	0.8	0.6	0.004	0.06	0.6	0.7	0.75	0.8
01020	BORON, DISSOLVED (UG/L AS B)	9	300.	303.333	330.	270.	375.	19.365	270.	290.	320.	330.

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #2: 11/01 to 2/29 - Station SAMO0032

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	3	15.	16.	19.	14.	7.	2.646	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	2	755.	755.	760.	750.	50.	7.071	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	3	900.	943.333	1172.	758.	44257.333	210.374	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	2	10.15	10.15	10.4	9.9	0.125	0.354	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	2	8.3	8.3	8.4	8.2	0.02	0.141	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	2	8.289	8.289	8.4	8.2	0.02	0.142	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	2	0.005	0.005	0.006	0.004	0.	0.002	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	2	1.7	1.7	3.	0.4	3.38	1.838	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	2	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	2	46.	46.	46.	46.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	2	230.	230.	270.	190.	3200.	56.569	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	2	0.5	0.5	0.6	0.4	0.02	0.141	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	2	160.	160.	190.	130.	1800.	42.426	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #3: 3/01 to 5/31 - Station SAMO0032

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	3	14.5	17.	25.	11.5	50.25	7.089	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	3	750.	750.333	755.	746.	20.333	4.509	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	3	440.	688.333	1200.	425.	196408.333	443.18	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	3	10.2	10.133	10.8	9.4	0.493	0.702	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	3	8.	8.067	8.2	8.	0.013	0.115	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	3	8.	8.057	8.2	8.	0.013	0.116	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	3	0.01	0.009	0.01	0.006	0.	0.002	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	3	1.9	1.45	2.4	0.05	1.533	1.238	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	3	0.04	0.037	0.05	0.02	0.	0.015	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	3	22.	34.	59.	21.	469.	21.656	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	3	100.	180.333	360.	81.	24300.333	155.886	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	3	0.4	0.467	0.7	0.3	0.043	0.208	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	3	90.	140.	270.	60.	12900.	113.578	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

## Station Inventory for Station: SAMO0033

NPS Station ID: SAMO0033  
 Location: SANTA SUSAN PASS WASH/ABOVE BROWN CREEK  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070105  
 Major Basin: CALIFORNIA  
 Minor Basin: LOS ANGELES RIVER  
 RF1 Index: 18070105  
 RF3 Index: 18070105002103.30  
 Description:

LAT/LON: 34.226949/-118.591948

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 3.51

Agency: 21CAL-4  
 FIPS State/County: 06037 CALIFORNIA/LOS ANGELES  
 STORET Station ID(s): WB0441337183531  
 Within Park Boundary: No

Date Created: 05/02/87

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 22.10  
 Distance from RF3: 0.02

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: SAMO0033

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	12/04/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	12/04/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
32104	BROMOFORM,WHOLE WATER,UG/L	12/04/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	12/04/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
32106	CHLOROFORM,WHOLE WATER,UG/L	12/04/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	12/04/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	12/04/86-04/14/87	2 ##	0.175	0.175	0.25	0.1	0.011	0.106	**	**	**
34301	CHLOROBENZENE TOTWUG/L	12/04/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34311	CHLOROETHANE TOTWUG/L	12/04/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34371	ETHYLBENZENE TOTWUG/L	12/04/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34413	METHYL BROMIDE TOTWUG/L	12/04/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34418	METHYL CHLORIDE TOTWUG/L	12/04/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	12/04/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	12/04/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	12/04/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34496	1,1-DICHLOROETHANE TOTWUG/L	12/04/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34501	1,1-DICHLOROETHYLENE TOTWUG/L	12/04/86-04/14/87	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	12/04/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	12/04/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	12/04/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34531	1,2-DICHLOROETHANE TOTWUG/L	12/04/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34536	1,2-DICHLOROBENZENE TOTWUG/L	12/04/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34541	1,2-DICHLOROPROPANE TOTWUG/L	12/04/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	12/04/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34566	1,3-DICHLOROBENZENE TOTWUG/L	12/04/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34571	1,4-DICHLOROBENZENE TOTWUG/L	12/04/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	12/04/86-04/14/87	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
34668	DICHLORODIFLUOROMETHANE TOTWUG/L	12/04/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	12/04/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	12/04/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	12/04/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	12/04/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	12/04/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
77128	STYRENE WHOLE WATER,UG/L	12/04/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
77134	1,3-DIMETHYLBENZENE(M-XYLENE) WHOLE WATER,UG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	04/14/87-04/14/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
78135	DIMETHYLCYCLOPENTANE IN WHOLE WATER UG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
81552	ACETONE WHL WATER SMPL UG/L	04/14/87-04/14/87	1	14.	14.	14.	14.	0.	0.	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: SAMO0033

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
81595 METHYL ETHYL KETONE WHL WATER SMPL UG/L	12/04/86-04/14/87	2 ##	4.85	4.85	7.2	2.5	11.045	3.323	**	**	**	**
81596 METHYL-ISOBUTYL KETONE WHL WATER SMPL UG/L	12/04/86-04/14/87	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
81710 M-XYLENE IN THE WHOLE WATER SAMPLE MG/L	04/14/87-04/14/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
81711 O-XYLENE IN THE WHOLE WATER SAMPLE MG/L	04/14/87-04/14/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0033

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
32101 BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	2	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
32102 CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	2	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
	Drinking Water	5.	2	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
32104 BROMOFORM, WHOLE WATER	Drinking Water	100.	2	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
32105 DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	2	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
32106 CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	2	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
	Drinking Water	100.	2	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34010 TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	2	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
	Drinking Water	1000.	2	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34301 CHLOROBENZENE, TOTAL	Drinking Water	100.	2	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34371 ETHYLBENZENE, TOTAL	Fresh Acute	32000.	2	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
	Drinking Water	700.	2	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34423 METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	2	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34475 TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	2	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
	Drinking Water	5.	2	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34501 1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	2	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34506 1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	2	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34511 1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	2	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34531 1,2-DICHLOROETHANE, TOTAL	Fresh Acute	118000.	2	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
	Drinking Water	5.	2	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34536 1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	2	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34541 1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	2	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34546 TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	2	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34566 1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	2	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34571 1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	2	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
39175 VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	2	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
39180 TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	2	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
	Drinking Water	5.	2	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
77093 CIS-1,2-DICHLOROETHYLENE, WHOLE WATER	Drinking Water	70.	2	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
77128 STYRENE, WHOLE WATER	Drinking Water	100.	2	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
77651 1,2-DIBROMOETHANE, WHOLE WATER	Drinking Water	0.05	0 &	0	0.00												

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0034

NPS Station ID: SAMO0034  
 Location: BROWN CR/PARTHENIA ST. BRIDGE  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070105  
 Major Basin: CALIFORNIA  
 Minor Basin: LOS ANGELES RIVER  
 RF1 Index: 18070105  
 RF3 Index: 18070105001500.00  
 Description:

LAT/LON: 34.228059/-118.592227

Depth of Water: 0  
 Elevation: 0  
 RF1 Mile Point: 0.000  
 RF3 Mile Point: 1.65

Agency: 21CAL-4  
 FIPS State/County: 06037 CALIFORNIA/LOS ANGELES  
 STORET Station ID(s): WB0441341183532  
 Within Park Boundary: No

Date Created: 05/02/87

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 0.40  
 Distance from RF3: 0.01

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: SAMO0034

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	12/04/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	12/04/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
32104	BROMOFORM,WHOLE WATER,UG/L	12/04/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	12/04/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
32106	CHLOROFORM,WHOLE WATER,UG/L	12/04/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	12/04/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	12/04/86-04/14/87	2 ##	0.175	0.175	0.25	0.1	0.011	0.106	**	**	**
34301	CHLOROBENZENE TOTWUG/L	12/04/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34311	CHLOROETHANE TOTWUG/L	12/04/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34371	ETHYLBENZENE TOTWUG/L	12/04/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34413	METHYL BROMIDE TOTWUG/L	12/04/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34418	METHYL CHLORIDE TOTWUG/L	12/04/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	12/04/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	12/04/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	12/04/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34496	1,1-DICHLOROETHANE TOTWUG/L	12/04/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34501	1,1-DICHLOROETHYLENE TOTWUG/L	12/04/86-04/14/87	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	12/04/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	12/04/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	12/04/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34531	1,2-DICHLOROETHANE TOTWUG/L	12/04/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34536	1,2-DICHLOROBENZENE TOTWUG/L	12/04/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34541	1,2-DICHLOROPROPANE TOTWUG/L	12/04/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	12/04/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34566	1,3-DICHLOROBENZENE TOTWUG/L	12/04/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34571	1,4-DICHLOROBENZENE TOTWUG/L	12/04/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	12/04/86-04/14/87	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
34668	DICHLORODIFLUOROMETHANE TOTWUG/L	12/04/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	12/04/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	12/04/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	12/04/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	12/04/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	12/04/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
77128	STYRENE WHOLE WATER,UG/L	12/04/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
77134	1,3-DIMETHYLBENZENE(M-XYLENE) WHOLE WATER,UG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
77135	O-XYLENE WHOLE WATER,UG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	04/14/87-04/14/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	12/04/86-04/14/87	2 ##	3.45	3.45	4.4	2.5	1.805	1.344	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: SAMO0034

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
81596 METHYL-ISOBUTYL KETONE WHL WATER SMPL UG/L	12/04/86-04/14/87	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
81710 M-XYLENE IN THE WHOLE WATER SAMPLE MG/L	04/14/87-04/14/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
81711 O-XYLENE IN THE WHOLE WATER SAMPLE MG/L	04/14/87-04/14/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0034

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
32101 BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	2	0	0.00				1	0	0.00	1	0	0.00			
32102 CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	5.	2	0	0.00				1	0	0.00	1	0	0.00			
32104 BROMOFORM, WHOLE WATER	Drinking Water	100.	2	0	0.00				1	0	0.00	1	0	0.00			
32105 DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	2	0	0.00				1	0	0.00	1	0	0.00			
32106 CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	100.	2	0	0.00				1	0	0.00	1	0	0.00			
34010 TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	1000.	2	0	0.00				1	0	0.00	1	0	0.00			
34301 CHLOROBENZENE, TOTAL	Drinking Water	100.	2	0	0.00				1	0	0.00	1	0	0.00			
34371 ETHYLBENZENE, TOTAL	Fresh Acute	32000.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	700.	2	0	0.00				1	0	0.00	1	0	0.00			
34423 METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	2	0	0.00				1	0	0.00	1	0	0.00			
34475 TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	5.	2	0	0.00				1	0	0.00	1	0	0.00			
34501 1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	2	0	0.00				1	0	0.00	1	0	0.00			
34506 1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	2	0	0.00				1	0	0.00	1	0	0.00			
34511 1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	2	0	0.00				1	0	0.00	1	0	0.00			
34531 1,2-DICHLOROETHANE, TOTAL	Fresh Acute	118000.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	5.	2	0	0.00				1	0	0.00	1	0	0.00			
34536 1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	2	0	0.00				1	0	0.00	1	0	0.00			
34541 1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	2	0	0.00				1	0	0.00	1	0	0.00			
34546 TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	2	0	0.00				1	0	0.00	1	0	0.00			
34566 1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	2	0	0.00				1	0	0.00	1	0	0.00			
34571 1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	2	0	0.00				1	0	0.00	1	0	0.00			
39175 VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	2	0	0.00				1	0	0.00	1	0	0.00			
39180 TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	5.	2	0	0.00				1	0	0.00	1	0	0.00			
77093 CIS-1,2-DICHLOROETHYLENE, WHOLE WATER	Drinking Water	70.	2	0	0.00				1	0	0.00	1	0	0.00			
77128 STYRENE, WHOLE WATER	Drinking Water	100.	2	0	0.00				1	0	0.00	1	0	0.00			
77651 1,2-DIBROMOETHANE, WHOLE WATER	Drinking Water	0.05	0 &	0	0.00												

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



## Station Inventory for Station: SAMO0035

NPS Station ID: SAMO0035  
 Location: LOS ANGELES RIVER AT OWENSMOUTH AVE. 500 FT 01S  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070105  
 Major Basin: CALIFORNIA  
 Minor Basin: LOS ANGELES RIVER  
 RF1 Index: 18070105  
 RF3 Index: 18070105012100.00  
 Description:

LAT/LON: 34.195281/-118.598893

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 1.95

Agency: 21CAL-4  
 FIPS State/County: 06037 CALIFORNIA/LOS ANGELES  
 STORET Station ID(s): WB0441143183556  
 Within Park Boundary: No

Date Created: 06/06/87

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 0.00  
 Distance from RF3: 0.14

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: SAMO0035

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
32104	BROMOFORM,WHOLE WATER,UG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
32106	CHLOROFORM,WHOLE WATER,UG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	03/24/87-03/24/87	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34301	CHLOROBENZENE TOTWUG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34311	CHLOROETHANE TOTWUG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34413	METHYL BROMIDE TOTWUG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34418	METHYL CHLORIDE TOTWUG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	03/24/87-03/24/87	1	0.69	0.69	0.69	0.69	0.	0.	**	**	**	**
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34496	1,1-DICHLOROETHANE TOTWUG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34501	1,1-DICHLOROETHYLENE TOTWUG/L	03/24/87-03/24/87	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34531	1,2-DICHLOROETHANE TOTWUG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34536	1,2-DICHLOROBENZENE TOTWUG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34541	1,2-DICHLOROPROPANE TOTWUG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34566	1,3-DICHLOROBENZENE TOTWUG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34571	1,4-DICHLOROBENZENE TOTWUG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	03/24/87-03/24/87	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34668	DICHLORODIFLUOROMETHANE TOTWUG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	03/24/87-03/24/87	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
77128	STYRENE WHOLE WATER,UG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	03/24/87-03/24/87	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
81596	METHYL-ISOBUTYL KETONE WHL WATER SMPL UG/L	03/24/87-03/24/87	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
81710	M-XYLENE IN THE WHOLE WATER SAMPLE MG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: SAMO0035

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
81711 O-XYLENE IN THE WHOLE WATER SAMPLE MG/L	03/24/87-03/24/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0035

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
32101 BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00							1	0	0.00			
32102 CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	1	0	0.00							1	0	0.00			
	Drinking Water	5.	1	0	0.00							1	0	0.00			
32104 BROMOFORM, WHOLE WATER	Drinking Water	100.	1	0	0.00							1	0	0.00			
32105 DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00							1	0	0.00			
32106 CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	1	0	0.00							1	0	0.00			
	Drinking Water	100.	1	0	0.00							1	0	0.00			
34010 TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	1	0	0.00							1	0	0.00			
	Drinking Water	1000.	1	0	0.00							1	0	0.00			
34301 CHLOROBENZENE, TOTAL	Drinking Water	100.	1	0	0.00							1	0	0.00			
34371 ETHYLBENZENE, TOTAL	Fresh Acute	32000.	1	0	0.00							1	0	0.00			
	Drinking Water	700.	1	0	0.00							1	0	0.00			
34423 METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	1	0	0.00							1	0	0.00			
34475 TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	1	0	0.00							1	0	0.00			
	Drinking Water	5.	1	0	0.00							1	0	0.00			
34501 1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	1	0	0.00							1	0	0.00			
34506 1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	1	0	0.00							1	0	0.00			
34511 1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	1	0	0.00							1	0	0.00			
34531 1,2-DICHLOROETHANE, TOTAL	Fresh Acute	118000.	1	0	0.00							1	0	0.00			
	Drinking Water	5.	1	0	0.00							1	0	0.00			
34536 1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00							1	0	0.00			
34541 1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	1	0	0.00							1	0	0.00			
34546 TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	1	0	0.00							1	0	0.00			
34566 1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00							1	0	0.00			
34571 1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	1	0	0.00							1	0	0.00			
39175 VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	1	0	0.00							1	0	0.00			
39180 TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	1	0	0.00							1	0	0.00			
	Drinking Water	5.	1	0	0.00							1	0	0.00			
77093 CIS-1,2-DICHLOROETHYLENE, WHOLE WATER	Drinking Water	70.	1	0	0.00							1	0	0.00			
77128 STYRENE, WHOLE WATER	Drinking Water	100.	1	0	0.00							1	0	0.00			
77651 1,2-DIBROMOETHANE, WHOLE WATER	Drinking Water	0.05	0 &	0	0.00												

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0036

NPS Station ID: SAMO0036  
 Location: BELL CR. IN CHANNEL JUST ABOVE L.A. RIVER  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070105  
 Major Basin: CALIFORNIA  
 Minor Basin: LOS ANGELES RIVER  
 RF1 Index: 18070105  
 RF3 Index: 18070105012100.00  
 Description:

LAT/LON: 34.195281/-118.601949

Depth of Water: 0  
 Elevation: 0  
 RF1 Mile Point: 0.000  
 RF3 Mile Point: 0.09

Agency: 21CAL-4  
 FIPS State/County: 06037 CALIFORNIA/LOS ANGELES  
 STORET Station ID(s): WB0441143183607  
 Within Park Boundary: No

Date Created: 05/02/87

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 1.50  
 Distance from RF3: 0.04

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: SAMO0036

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
32104	BROMOFORM,WHOLE WATER,UG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
32106	CHLOROFORM,WHOLE WATER,UG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34301	CHLOROBENZENE TOTWUG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34311	CHLOROETHANE TOTWUG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34371	ETHYLBENZENE TOTWUG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34413	METHYL BROMIDE TOTWUG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34418	METHYL CHLORIDE TOTWUG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34496	1,1-DICHLOROETHANE TOTWUG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34501	1,1-DICHLOROETHYLENE TOTWUG/L	12/04/86-12/04/86	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34531	1,2-DICHLOROETHANE TOTWUG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34536	1,2-DICHLOROBENZENE TOTWUG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34541	1,2-DICHLOROPROPANE TOTWUG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34566	1,3-DICHLOROBENZENE TOTWUG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34571	1,4-DICHLOROBENZENE TOTWUG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	12/04/86-12/04/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
34668	DICHLORODIFLUOROMETHANE TOTWUG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
77128	STYRENE WHOLE WATER,UG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
77134	1,3-DIMETHYLBENZENE(M-XYLENE) WHOLE WATER,UG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
77135	O-XYLENE WHOLE WATER,UG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	12/04/86-12/04/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
81596	METHYL-ISOBUTYL KETONE WHL WATER SMPL UG/L	12/04/86-12/04/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0036

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
32101 BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00				1	0	0.00						
32102 CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	1	0	0.00				1	0	0.00						
	Drinking Water	5.	1	0	0.00				1	0	0.00						
32104 BROMOFORM, WHOLE WATER	Drinking Water	100.	1	0	0.00				1	0	0.00						
32105 DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00				1	0	0.00						
32106 CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	1	0	0.00				1	0	0.00						
	Drinking Water	100.	1	0	0.00				1	0	0.00						
34010 TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	1	0	0.00				1	0	0.00						
	Drinking Water	1000.	1	0	0.00				1	0	0.00						
34301 CHLOROBENZENE, TOTAL	Drinking Water	100.	1	0	0.00				1	0	0.00						
34371 ETHYLBENZENE, TOTAL	Fresh Acute	32000.	1	0	0.00				1	0	0.00						
	Drinking Water	700.	1	0	0.00				1	0	0.00						
34423 METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	1	0	0.00				1	0	0.00						
34475 TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	1	0	0.00				1	0	0.00						
	Drinking Water	5.	1	0	0.00				1	0	0.00						
34501 1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	1	0	0.00				1	0	0.00						
34506 1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	1	0	0.00				1	0	0.00						
34511 1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	1	0	0.00				1	0	0.00						
34531 1,2-DICHLOROETHANE, TOTAL	Fresh Acute	118000.	1	0	0.00				1	0	0.00						
	Drinking Water	5.	1	0	0.00				1	0	0.00						
34536 1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00				1	0	0.00						
34541 1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	1	0	0.00				1	0	0.00						
34546 TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	1	0	0.00				1	0	0.00						
34566 1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00				1	0	0.00						
34571 1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	1	0	0.00				1	0	0.00						
39175 VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	1	0	0.00				1	0	0.00						
39180 TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	1	0	0.00				1	0	0.00						
	Drinking Water	5.	1	0	0.00				1	0	0.00						
77093 CIS-1,2-DICHLOROETHYLENE, WHOLE WATER	Drinking Water	70.	1	0	0.00				1	0	0.00						
77128 STYRENE, WHOLE WATER	Drinking Water	100.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0037

NPS Station ID: SAMO0037  
 Location: ARROYO CALABASAS/ABOVE L.A. RIVER IN CHANNEL  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070105  
 Major Basin: CALIFORNIA  
 Minor Basin: LOS ANGELES RIVER  
 RF1 Index: 18070105  
 RF3 Index: 18070105001600.00  
 Description:

LAT/LON: 34.195003/-118.601949

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 0.09

Agency: 21CAL-4  
 FIPS State/County: 06037 CALIFORNIA/LOS ANGELES  
 STORET Station ID(s): WB0441142183607  
 Within Park Boundary: No

Date Created: 05/02/87

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 1.10  
 Distance from RF3: 0.28

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: SAMO0037

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32101 BROMODICHLOROMETHANE,WHOLE WATER,UG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
32102 CARBON TETRACHLORIDE,WHOLE WATER,UG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
32104 BROMOFORM,WHOLE WATER,UG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
32105 DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
32106 CHLOROFORM,WHOLE WATER,UG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34010 TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34030 BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34301 CHLOROBENZENE TOTWUG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34311 CHLOROETHANE TOTWUG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34371 ETHYLBENZENE TOTWUG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34413 METHYL BROMIDE TOTWUG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34418 METHYL CHLORIDE TOTWUG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34423 METHYLENE CHLORIDE TOTWUG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34475 TETRACHLOROETHYLENE TOTWUG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34488 TRICHLOROFLUOROMETHANE TOTWUG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34496 1,1-DICHLOROETHANE TOTWUG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34501 1,1-DICHLOROETHYLENE TOTWUG/L	12/04/86-12/04/86	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34506 1,1,1-TRICHLOROETHANE TOTWUG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34511 1,1,2-TRICHLOROETHANE TOTWUG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34516 1,1,2,2-TETRACHLOROETHANE TOTWUG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34531 1,2-DICHLOROETHANE TOTWUG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34536 1,2-DICHLOROBENZENE TOTWUG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34541 1,2-DICHLOROPROPANE TOTWUG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34546 TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34566 1,3-DICHLOROBENZENE TOTWUG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34571 1,4-DICHLOROBENZENE TOTWUG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34576 2-CHLOROETHYL VINYL ETHER TOTWUG/L	12/04/86-12/04/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34668 DICHLORODIFLUOROMETHANE TOTWUG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34699 TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34704 CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39175 VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39180 TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
77093 CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
77128 STYRENE WHOLE WATER,UG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
77134 1,3-DIMETHYLBENZENE(M-XYLENE) WHOLE WATER,UG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
77135 O-XYLENE WHOLE WATER,UG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
81595 METHYL ETHYL KETONE WHL WATER SMPL UG/L	12/04/86-12/04/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
81596 METHYL-ISOBUTYL KETONE WHL WATER SMPL UG/L	12/04/86-12/04/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0037

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
32101 BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00				1	0	0.00						
32102 CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	1	0	0.00				1	0	0.00						
	Drinking Water	5.	1	0	0.00				1	0	0.00						
32104 BROMOFORM, WHOLE WATER	Drinking Water	100.	1	0	0.00				1	0	0.00						
32105 DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00				1	0	0.00						
32106 CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	1	0	0.00				1	0	0.00						
	Drinking Water	100.	1	0	0.00				1	0	0.00						
34010 TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	1	0	0.00				1	0	0.00						
	Drinking Water	1000.	1	0	0.00				1	0	0.00						
34301 CHLOROBENZENE, TOTAL	Drinking Water	100.	1	0	0.00				1	0	0.00						
34371 ETHYLBENZENE, TOTAL	Fresh Acute	32000.	1	0	0.00				1	0	0.00						
	Drinking Water	700.	1	0	0.00				1	0	0.00						
34423 METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	1	0	0.00				1	0	0.00						
34475 TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	1	0	0.00				1	0	0.00						
	Drinking Water	5.	1	0	0.00				1	0	0.00						
34501 1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	1	0	0.00				1	0	0.00						
34506 1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	1	0	0.00				1	0	0.00						
34511 1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	1	0	0.00				1	0	0.00						
34531 1,2-DICHLOROETHANE, TOTAL	Fresh Acute	118000.	1	0	0.00				1	0	0.00						
	Drinking Water	5.	1	0	0.00				1	0	0.00						
34536 1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00				1	0	0.00						
34541 1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	1	0	0.00				1	0	0.00						
34546 TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	1	0	0.00				1	0	0.00						
34566 1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00				1	0	0.00						
34571 1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	1	0	0.00				1	0	0.00						
39175 VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	1	0	0.00				1	0	0.00						
39180 TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	1	0	0.00				1	0	0.00						
	Drinking Water	5.	1	0	0.00				1	0	0.00						
77093 CIS-1,2-DICHLOROETHYLENE, WHOLE WATER	Drinking Water	70.	1	0	0.00				1	0	0.00						
77128 STYRENE, WHOLE WATER	Drinking Water	100.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: SAMO0038

NPS Station ID: SAMO0038  
Location: CALABASAS CREEK @ VANOWEN STREET  
Station Type: /TYP/AMBNT/STREAM  
RMI-Indexes:  
RMI-Miles:  
HUC: 18070105  
Major Basin: LOS ANGELES RIVER  
Minor Basin: CANOGA PARK QUADRANGLE F373-S  
RF1 Index: 18070105016  
RF3 Index: 18070105002100.00  
Description:

LAT/LON: 34.193615/-118.603615  
  
  
  
Depth of Water: 999  
Elevation: 0  
  
RF1 Mile Point: 1.310  
RF3 Mile Point: 1.30

Agency: 21CALAFD  
FIPS State/County: 06037 CALIFORNIA/LOS ANGELES  
STORET Station ID(s): CALVAN /TG 12C4D5 1  
Within Park Boundary: No  
  
Aquifer:  
Water Body Id:  
ECO Region:  
Distance from RF1: 0.00  
Distance from RF3: 0.43

Date Created: 06/11/76  
  
  
  
  
  
On/Off RF1: OFF  
On/Off RF3:

Parameter Inventory for Station: SAMO0038

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
***** No Parameter Data Available for this Station *****												

Station Inventory for Station: SAMO0039

NPS Station ID: SAMO0039  
Location: SANTA SUSANA CK @ TOPANGA CYN BL  
Station Type: /TYP/A/AMBNT/STREAM  
RMI-Indexes:  
RMI-Miles:  
HUC: 18070105  
Major Basin: LOS ANGELES RIVER  
Minor Basin: CANOGA PARK QUADRANGLE F367-S  
RF1 Index: 18070105015  
RF3 Index: 18070105006300.00  
Description:

LAT/LON: 34.235559/-118.604171  
  
  
  
  
Depth of Water: 999  
Elevation: 0  
  
RF1 Mile Point: 3.250  
RF3 Mile Point: 0.71

Agency: 21CALAFD  
FIPS State/County: 06037 CALIFORNIA/LOS ANGELES  
STORET Station ID(s): STSTOP /TG 6C5C7 1  
Within Park Boundary: No  
  
Aquifer:  
Water Body Id:  
ECO Region:  
Distance from RF1: 0.00  
Distance from RF3: 0.03

Date Created: 05/22/78  
  
  
  
  
  
  
On/Off RF1: OFF  
On/Off RF3:

Parameter Inventory for Station: SAMO0039

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/02/78-03/02/78	1	13.9	13.9	13.9	0.	0.	**	**	**	**
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	03/02/78-03/02/78	1	57.	57.	57.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/06/78-03/02/78	3	144.	173.	237.	3081.	55.507	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/06/78-03/02/78	3	7.5	7.5	7.6	0.01	0.1	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	01/06/78-03/02/78	3	7.5	7.492	7.6	0.01	0.1	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/06/78-03/02/78	3	0.032	0.032	0.04	0.025	0.007	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: SAMO0039

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
00403	PH, LAB					Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
	Other-Hi Lim.	9.	3	0	0.00				2	0	0.00	1	0	0.00			
	Other-Lo Lim.	6.5	3	0	0.00				2	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



Station Inventory for Station: SAMO0040

NPS Station ID: SAMO0040  
Location: SANTA SUSANA CREEK @ NORDHOFF ST  
Station Type: /TYP/AMBNT/STREAM  
RMI-Indexes:  
RMI-Miles:  
HUC: 18070105  
Major Basin: LOS ANGELES RIVER  
Minor Basin: CANOGA PARK QUADRANGLE  
RF1 Index: 18070105015  
RF3 Index: 18070104000508.36  
Description:

LAT/LON: 34.235559/-118.604171  
  
  
  
  
  
  
  
  
  
Depth of Water: 999  
Elevation: 0  
  
RF1 Mile Point: 3.250  
RF3 Mile Point: 9.32

Agency: 21CALAFD  
FIPS State/County: 06037 CALIFORNIA/LOS ANGELES  
STORET Station ID(s): STSNOR /TG 6C5D7 1  
Within Park Boundary: No  
  
  
Aquifer:  
Water Body Id:  
ECO Region:  
Distance from RF1: 0.40  
Distance from RF3: 0.04

Date Created: 06/11/76  
  
  
  
  
  
  
  
  
  
On/Off RF1: OFF  
On/Off RF3:

Parameter Inventory for Station: SAMO0040

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
***** No Parameter Data Available for this Station *****												

## Station Inventory for Station: SAMO0041

NPS Station ID: SAMO0041 Location: BELL CREEK @ TOPANGA CANYON BLVD Station Type: /TYP/AMBNT/STREAM RMI-Indexes: RMI-Miles: HUC: 18070105 Major Basin: LOS ANGELES RIVER Minor Basin: CANOGA PARK QUADRANGLE F368-S RF1 Index: 18070105016 RF3 Index: 18070105021100.00 Description:	LAT/LON: 34.197226/-118.604727  Depth of Water: 999 Elevation: 0  RF1 Mile Point: 1.310 RF3 Mile Point: 0.76	Agency: 21CALAFD FIPS State/County: 06037 CALIFORNIA/LOS ANGELES STORET Station ID(s): BELTOP /TG 12C4B2 1 Within Park Boundary: No  Aquifer: Water Body Id: ECO Region: Distance from RF1: 0.00 Distance from RF3: 0.02	Date Created: 05/22/78       On/Off RF1: OFF On/Off RF3:
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### Parameter Inventory for Station: SAMO0041

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/02/78-03/02/78	1	14.4	14.4	14.4	14.4	0.	0.	**	**	**	**
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	03/02/78-03/02/78	1	58.	58.	58.	58.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/06/78-03/02/78	3	189.	263.667	444.	158.	24630.333	156.941	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	01/06/78-03/02/78	3	7.4	7.467	7.6	7.4	0.013	0.115	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	01/06/78-03/02/78	3	7.4	7.457	7.6	7.4	0.013	0.116	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/06/78-03/02/78	3	0.04	0.035	0.04	0.025	0.	0.008	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0041

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
00403 PH, LAB	Other-Hi Lim.	9.	3	0	0.00												
	Other-Lo Lim.	6.5	3	0	0.00				2	0	0.00	1	0	0.00			
									2	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0042

NPS Station ID: SAMO0042  
 Location: CALABASAS CREEK @ TOPANGA CYN BL  
 Station Type: /TYP/A/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070105  
 Major Basin: LOS ANGELES RIVER  
 Minor Basin: CANOGA PARK QUADRANGLE  
 RF1 Index: 18070105016  
 RF3 Index: 18070105002200.27  
 Description:

LAT/LON: 34.192503/-118.605004

Depth of Water: 999  
 Elevation: 0

RF1 Mile Point: 1.310  
 RF3 Mile Point: 3.66

Agency: 21CALAFD  
 FIPS State/County: 06037 CALIFORNIA/LOS ANGELES  
 STORET Station ID(s): CALTOP /TG 12C4B7 1  
 Within Park Boundary: No

Date Created: 01/14/77

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 21.80  
 Distance from RF3: 0.08

On/Off RF1: OFF  
 On/Off RF3:

## Parameter Inventory for Station: SAMO0042

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/02/78-03/02/78	1	14.4	14.4	14.4	14.4	0.	0.	**	**	**	**
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	03/02/78-03/02/78	1	58.	58.	58.	58.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/06/78-03/02/78	3	366.	455.	789.	210.	89751.	299.585	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	01/06/78-03/02/78	3	7.5	7.433	7.5	7.3	0.013	0.115	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	01/06/78-03/02/78	3	7.5	7.423	7.5	7.3	0.014	0.116	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/06/78-03/02/78	3	0.032	0.038	0.05	0.032	0.	0.011	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

## EPA Water Quality Criteria Analysis for Station: SAMO0042

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
00403 PH, LAB	Other-Hi Lim.	9.	3	0	0.00				2	0	0.00	1	0	0.00			
	Other-Lo Lim.	6.5	3	0	0.00				2	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0043

NPS Station ID: SAMO0043  
Location: CALABASAS CREEK @ SHOUP AVENUE  
Station Type: /TYPA/AMBNT/STREAM  
RMI-Indexes:  
RMI-Miles:  
HUC: 18070105  
Major Basin: LOS ANGELES RIVER  
Minor Basin: CANOGA PARK QUADRANGLE  
RF1 Index: 18070105016  
RF3 Index: 18070105002300.00  
Description:

LAT/LON: 34.192503/-118.613616

Agency: 21CALAFD  
FIPS State/County: 06037 CALIFORNIA/LOS ANGELES  
STORET Station ID(s): CALSHO /TG 12B5E5 1  
Within Park Boundary: No

Date Created: 06/11/76

Depth of Water: 999  
Elevation: 0

Aquifer:  
Water Body Id:  
ECO Region:  
Distance from RF1: 16.80  
Distance from RF3: 0.31

On/Off RF1: OFF  
On/Off RF3:

### Parameter Inventory for Station: SAMO0043

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
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\*\*\*\*\* No Parameter Data Available for this Station \*\*\*\*\*

## Station Inventory for Station: SAMO0044

NPS Station ID: SAMO0044  
Location: BELL CREEK @ SHOUP AVENUE  
Station Type: /TYPA/AMBNT/STREAM  
RMI-Indexes:  
RMI-Miles:  
HUC: 18070105  
Major Basin: LOS ANGELES RIVER  
Minor Basin: CANOGA PARK QUADRANGLE  
RF1 Index: 18070105016  
RF3 Index: 18070105036700.00  
Description:

LAT/LON: 34.198616/-118.613893

Agency: 21CALAFD  
FIPS State/County: 06037 CALIFORNIA/LOS ANGELES  
STORET Station ID(s): BELSHO /TG 12B4E1 1  
Within Park Boundary: No

Date Created: 06/11/76

Depth of Water: 999  
Elevation: 0

Aquifer:  
Water Body Id:  
ECO Region:  
Distance from RF1: 10.10  
Distance from RF3: 0.15

On/Off RF3:

### Parameter Inventory for Station: SAMO0044

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
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\*\*\*\*\* No Parameter Data Available for this Station \*\*\*\*\*

Station Inventory for Station: SAMO0045

NPS Station ID: SAMO0045  
Location: BELL CREEK/FALLBROOK AVE. BRIDGE  
Station Type: /TYP/AMBNT/STREAM  
RMI-Indexes:  
RMI-Miles:  
HUC: 18070105  
Major Basin: CALIFORNIA  
Minor Basin: LOS ANGELES RIVER  
RF1 Index: 18070105  
RF3 Index: 18070105001601.20  
Description:

LAT/LON: 34.197226/-118.622226  
  
Depth of Water: 0  
Elevation: 0  
  
RF1 Mile Point: 0.000  
RF3 Mile Point: 1.20

Agency: 21CAL-4  
FIPS State/County: 06037 CALIFORNIA/LOS ANGELES  
STORET Station ID(s): WB0441150183720  
Within Park Boundary: No  
  
Aquifer:  
Water Body Id:  
ECO Region:  
Distance from RF1: 1.30  
Distance from RF3: 0.01

Date Created: 05/02/87  
  
  
  
On/Off RF1:  
On/Off RF3:

Parameter Inventory for Station: SAMO0045

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
***** No Parameter Data Available for this Station *****												

## Station Inventory for Station: SAMO0046

NPS Station ID: SAMO0046  
Location: BELL CANYON CREEK @ FALLBROOK  
Station Type: /TYPE/AMBNT/STREAM  
RMI-Indexes:  
RMI-Miles:  
HUC: 18070105  
Major Basin: LOS ANGELES RIVER  
Minor Basin: CANOGA PARK QUADRANGLE  
RF1 Index: 18070105  
RF3 Index: 18070104021100.00  
Description:

LAT/LON: 34.197781/-118.622505

Agency: 21CALAFD  
FIPS State/County: 06037 CALIFORNIA/LOS ANGELES  
STORET Station ID(s): BELFAL /TG 12A4H2 1  
Within Park Boundary: No

Date Created: 06/11/76

Depth of Water: 999  
Elevation: 0

Aquifer:  
Water Body Id:  
ECO Region:  
Distance from RF1: 0.00  
Distance from RF3: 0.01

On/Off RF1:  
On/Off RF3:

### Parameter Inventory for Station: SAMO0046

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
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\*\*\*\*\* No Parameter Data Available for this Station \*\*\*\*\*

**Station Inventory for Station: SAMO0047**

NPS Station ID: SAMO0047  
Location: DRY CANYON DEBRIS BASIN  
Station Type: /TYPA/AMBNT/STREAM  
RMI-Indexes:  
RMI-Miles:  
HUC: 18070105  
Major Basin: LOS ANGELES RIVER  
Minor Basin: CALABASAS QUADRANGLE  
RF1 Index: 18070105  
RF3 Index: 18070105003900.00  
Description:

LAT/LON: 34.137503/-118.626948

Depth of Water: 999  
Elevation: 0

RF1 Mile Point: 0.000  
RF3 Mile Point: 0.00

Agency: 21CALAFD  
FIPS State/County: 06037 CALIFORNIA/LOS ANGELES  
STORET Station ID(s): DRYDEB /TG 13A5D1 1  
Within Park Boundary: Yes

Date Created: 03/16/77

Aquifer:  
Water Body Id:  
ECO Region:  
Distance from RF1: 0.00  
Distance from RF3: 0.00

On/Off RF1:  
On/Off RF3:

### Parameter Inventory for Station: SAMO0047

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
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\*\*\*\*\* No Parameter Data Available for this Station \*\*\*\*\*



Station Inventory for Station: SAMO0048

NPS Station ID: SAMO0048  
Location: CHATSWORTH CREEK @ ROSCOE BLVD  
Station Type: /TYPA/AMBNT/STREAM  
RMI-Indexes:  
RMI-Miles:  
HUC: 18070105  
Major Basin: LOS ANGELES RIVER  
Minor Basin: CALABASAS QUADRANGLE  
RF1 Index: 18070105  
RF3 Index: 18070105000100.00  
Description:

LAT/LON: 34.219448/-118.627503  
  
  
  
  
  
  
  
  
  
Depth of Water: 999  
Elevation: 0  
  
RF1 Mile Point: 0.000  
RF3 Mile Point: 0.00

Agency: 21CALAFD  
FIPS State/County: 06037 CALIFORNIA/LOS ANGELES  
STORET Station ID(s): CHAROS /TG 12A1C7 1  
Within Park Boundary: No  
  
  
Aquifer:  
Water Body Id:  
ECO Region:  
Distance from RF1: 3.30  
Distance from RF3: 0.76

Date Created: 06/11/76  
  
  
  
  
  
  
  
  
  
On/Off RF1:  
On/Off RF3:

Parameter Inventory for Station: SAMO0048

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
***** No Parameter Data Available for this Station *****												

## Station Inventory for Station: SAMO0049

NPS Station ID: SAMO0049  
 Location: DAYTON CR/WOODLAKE AVE BRIDGE  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070105  
 Major Basin: CALIFORNIA  
 Minor Basin: LOS ANGELES RIVER  
 RF1 Index: 18070105  
 RF3 Index: 18070105036700.00  
 Description:

LAT/LON: 34.215838/-118.631115

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 0.47

Agency: 21CAL-4  
 FIPS State/County: 06037 CALIFORNIA/LOS ANGELES  
 STORET Station ID(s): WB0441257183752  
 Within Park Boundary: No

Date Created: 05/02/87

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 9.80  
 Distance from RF3: 0.14

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: SAMO0049

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32101 BROMODICHLOROMETHANE,WHOLE WATER,UG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
32102 CARBON TETRACHLORIDE,WHOLE WATER,UG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
32104 BROMOFORM,WHOLE WATER,UG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
32105 DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
32106 CHLOROFORM,WHOLE WATER,UG/L	12/04/86-12/04/86	1	3.7	3.7	3.7	3.7	0.	0.	**	**	**	**
34010 TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34030 BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34301 CHLOROBENZENE TOTWUG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34311 CHLOROETHANE TOTWUG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34371 ETHYLBENZENE TOTWUG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34413 METHYL BROMIDE TOTWUG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34418 METHYL CHLORIDE TOTWUG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34423 METHYLENE CHLORIDE TOTWUG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34475 TETRACHLOROETHYLENE TOTWUG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34488 TRICHLOROFLUOROMETHANE TOTWUG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34496 1,1-DICHLOROETHANE TOTWUG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34501 1,1-DICHLOROETHYLENE TOTWUG/L	12/04/86-12/04/86	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34506 1,1,1-TRICHLOROETHANE TOTWUG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34511 1,1,2-TRICHLOROETHANE TOTWUG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34516 1,1,2,2-TETRACHLOROETHANE TOTWUG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34531 1,2-DICHLOROETHANE TOTWUG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34536 1,2-DICHLOROETHYLENE TOTWUG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34541 1,2-DICHLOROPROPANE TOTWUG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34546 TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34566 1,3-DICHLOROETHYLENE TOTWUG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34571 1,4-DICHLOROETHYLENE TOTWUG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34576 2-CHLOROETHYL VINYL ETHER TOTWUG/L	12/04/86-12/04/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34668 DICHLORODIFLUOROMETHANE TOTWUG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34699 TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34704 CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39175 VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39180 TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
77093 CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
77128 STYRENE WHOLE WATER,UG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
77134 1,3-DIMETHYLBENZENE(M-XYLENE) WHOLE WATER,UG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
77135 O-XYLENE WHOLE WATER,UG/L	12/04/86-12/04/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
81595 METHYL ETHYL KETONE WHL WATER SMPL UG/L	12/04/86-12/04/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
81596 METHYL-ISOBUTYL KETONE WHL WATER SMPL UG/L	12/04/86-12/04/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0049

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
32101 BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00				1	0	0.00						
32102 CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	1	0	0.00				1	0	0.00						
	Drinking Water	5.	1	0	0.00				1	0	0.00						
32104 BROMOFORM, WHOLE WATER	Drinking Water	100.	1	0	0.00				1	0	0.00						
32105 DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00				1	0	0.00						
32106 CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	1	0	0.00				1	0	0.00						
	Drinking Water	100.	1	0	0.00				1	0	0.00						
34010 TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	1	0	0.00				1	0	0.00						
	Drinking Water	1000.	1	0	0.00				1	0	0.00						
34301 CHLOROBENZENE, TOTAL	Drinking Water	100.	1	0	0.00				1	0	0.00						
34371 ETHYLBENZENE, TOTAL	Fresh Acute	32000.	1	0	0.00				1	0	0.00						
	Drinking Water	700.	1	0	0.00				1	0	0.00						
34423 METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	1	0	0.00				1	0	0.00						
34475 TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	1	0	0.00				1	0	0.00						
	Drinking Water	5.	1	0	0.00				1	0	0.00						
34501 1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	1	0	0.00				1	0	0.00						
34506 1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	1	0	0.00				1	0	0.00						
34511 1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	1	0	0.00				1	0	0.00						
34531 1,2-DICHLOROETHANE, TOTAL	Fresh Acute	118000.	1	0	0.00				1	0	0.00						
	Drinking Water	5.	1	0	0.00				1	0	0.00						
34536 1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00				1	0	0.00						
34541 1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	1	0	0.00				1	0	0.00						
34546 TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	1	0	0.00				1	0	0.00						
34566 1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00				1	0	0.00						
34571 1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	1	0	0.00				1	0	0.00						
39175 VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	1	0	0.00				1	0	0.00						
39180 TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	1	0	0.00				1	0	0.00						
	Drinking Water	5.	1	0	0.00				1	0	0.00						
77093 CIS-1,2-DICHLOROETHYLENE, WHOLE WATER	Drinking Water	70.	1	0	0.00				1	0	0.00						
77128 STYRENE, WHOLE WATER	Drinking Water	100.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: SAMO0050

NPS Station ID: SAMO0050  
Location: DAYTON CREEK @ WOODLAKE AVENUE  
Station Type: /TYP/AMBNT/STREAM  
RMI-Indexes:  
RMI-Miles:  
HUC: 18070105  
Major Basin: LOS ANGELES RIVER  
Minor Basin: CALABASAS QUADRANGLE  
RF1 Index: 18070105  
RF3 Index: 18070105036600.00  
Description:

LAT/LON: 34.216115/-118.631392  
  
  
  
  
  
  
  
  
  
Depth of Water: 999  
Elevation: 0  
  
RF1 Mile Point: 0.000  
RF3 Mile Point: 0.00

Agency: 21CALAFD  
FIPS State/County: 06037 CALIFORNIA/LOS ANGELES  
STORET Station ID(s): DAYWOO /TG 5F2G0 1  
Within Park Boundary: No  
  
  
Aquifer:  
Water Body Id:  
ECO Region:  
Distance from RF1: 19.80  
Distance from RF3: 0.04

Date Created: 06/11/76  
  
  
  
  
  
  
  
  
  
On/Off RF1:  
On/Off RF3:

Parameter Inventory for Station: SAMO0050

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
***** No Parameter Data Available for this Station *****												

Station Inventory for Station: SAMO0051

NPS Station ID: SAMO0051  
Location: LAS FLORES CANYON CREEK @ PCH  
Station Type: /TYPA/AMBNT/STREAM  
RMI-Indexes:  
HUC:  
Major Basin: SANTA MONICA BAY  
Minor Basin: MALIBU BEACH QUADRANGLE  
RF1 Index:  
RF3 Index: 18070105000805.82  
Description:

LAT/LON: 34.036670/-118.635559  
  
  
Depth of Water: 999  
Elevation: 0  
  
RF1 Mile Point: 0.000  
RF3 Mile Point: 34.96

Agency: 21CALAFD  
FIPS State/County: 06037 CALIFORNIA/  
STORET Station ID(s): LFLPAC /TG 114F5A1 1  
Within Park Boundary: Yes  
  
Aquifer:  
Water Body Id:  
ECO Region:  
Distance from RF1: 0.00  
Distance from RF3: 0.03

Date Created: 06/11/76  
  
  
  
  
On/Off RF1:  
On/Off RF3:

Parameter Inventory for Station: SAMO0051

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
***** No Parameter Data Available for this Station *****												

## Station Inventory for Station: SAMO0052

NPS Station ID: SAMO0052  
 Location: BELL CR. ABOVE HIGHLANDER RD ABOUT 700 FT.  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070105  
 Major Basin: CALIFORNIA  
 Minor Basin: LOS ANGELES RIVER  
 RF1 Index: 18070105  
 RF3 Index: 18070105039800.00  
 Description:

LAT/LON: 34.202504/-118.641670

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 0.12

Agency: 21CAL-4  
 FIPS State/County: 06037 CALIFORNIA/LOS ANGELES  
 STORET Station ID(s): WB0441209183830  
 Within Park Boundary: No

Date Created: 06/06/87

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 0.00  
 Distance from RF3: 0.02

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: SAMO0052

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	04/14/87-04/14/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	04/14/87-04/14/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
32104	BROMOFORM,WHOLE WATER,UG/L	04/14/87-04/14/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	04/14/87-04/14/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
32106	CHLOROFORM,WHOLE WATER,UG/L	04/14/87-04/14/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	04/14/87-04/14/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	04/14/87-04/14/87	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**
34301	CHLOROBENZENE TOTWUG/L	04/14/87-04/14/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34311	CHLOROETHANE TOTWUG/L	04/14/87-04/14/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34371	ETHYLBENZENE TOTWUG/L	04/14/87-04/14/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34413	METHYL BROMIDE TOTWUG/L	04/14/87-04/14/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34418	METHYL CHLORIDE TOTWUG/L	04/14/87-04/14/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	04/14/87-04/14/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	04/14/87-04/14/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	04/14/87-04/14/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34496	1,1-DICHLOROETHANE TOTWUG/L	04/14/87-04/14/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34501	1,1-DICHLOROETHYLENE TOTWUG/L	04/14/87-04/14/87	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	04/14/87-04/14/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	04/14/87-04/14/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	04/14/87-04/14/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34531	1,2-DICHLOROETHANE TOTWUG/L	04/14/87-04/14/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34536	1,2-DICHLOROBENZENE TOTWUG/L	04/14/87-04/14/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34541	1,2-DICHLOROPROPANE TOTWUG/L	04/14/87-04/14/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	04/14/87-04/14/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34566	1,3-DICHLOROBENZENE TOTWUG/L	04/14/87-04/14/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34571	1,4-DICHLOROBENZENE TOTWUG/L	04/14/87-04/14/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	04/14/87-04/14/87	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
34668	DICHLORODIFLUOROMETHANE TOTWUG/L	04/14/87-04/14/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	04/14/87-04/14/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	04/14/87-04/14/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	04/14/87-04/14/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	04/14/87-04/14/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	04/14/87-04/14/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
77128	STYRENE WHOLE WATER,UG/L	04/14/87-04/14/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	04/14/87-04/14/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	04/14/87-04/14/87	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
81596	METHYL-ISOBUTYL KETONE WHL WATER SMPL UG/L	04/14/87-04/14/87	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
81710	M-XYLENE IN THE WHOLE WATER SAMPLE MG/L	04/14/87-04/14/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: SAMO0052

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
81711 O-XYLENE IN THE WHOLE WATER SAMPLE MG/L	04/14/87-04/14/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0052

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
32101 BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00							1	0	0.00			
32102 CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	1	0	0.00							1	0	0.00			
	Drinking Water	5.	1	0	0.00							1	0	0.00			
32104 BROMOFORM, WHOLE WATER	Drinking Water	100.	1	0	0.00							1	0	0.00			
32105 DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00							1	0	0.00			
32106 CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	1	0	0.00							1	0	0.00			
	Drinking Water	100.	1	0	0.00							1	0	0.00			
34010 TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	1	0	0.00							1	0	0.00			
	Drinking Water	1000.	1	0	0.00							1	0	0.00			
34301 CHLOROBENZENE, TOTAL	Drinking Water	100.	1	0	0.00							1	0	0.00			
34371 ETHYLBENZENE, TOTAL	Fresh Acute	32000.	1	0	0.00							1	0	0.00			
	Drinking Water	700.	1	0	0.00							1	0	0.00			
34423 METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	1	0	0.00							1	0	0.00			
34475 TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	1	0	0.00							1	0	0.00			
	Drinking Water	5.	1	0	0.00							1	0	0.00			
34501 1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	1	0	0.00							1	0	0.00			
34506 1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	1	0	0.00							1	0	0.00			
34511 1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	1	0	0.00							1	0	0.00			
34531 1,2-DICHLOROETHANE, TOTAL	Fresh Acute	118000.	1	0	0.00							1	0	0.00			
	Drinking Water	5.	1	0	0.00							1	0	0.00			
34536 1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00							1	0	0.00			
34541 1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	1	0	0.00							1	0	0.00			
34546 TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	1	0	0.00							1	0	0.00			
34566 1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00							1	0	0.00			
34571 1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	1	0	0.00							1	0	0.00			
39175 VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	1	0	0.00							1	0	0.00			
39180 TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	1	0	0.00							1	0	0.00			
	Drinking Water	5.	1	0	0.00							1	0	0.00			
77093 CIS-1,2-DICHLOROETHYLENE, WHOLE WATER	Drinking Water	70.	1	0	0.00							1	0	0.00			
77128 STYRENE, WHOLE WATER	Drinking Water	100.	1	0	0.00							1	0	0.00			
77651 1,2-DIBROMOETHANE, WHOLE WATER	Drinking Water	0.05	0 &	0	0.00												

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: SAMO0053

NPS Station ID: SAMO0053  
Location: CARBON CANYON CREEK @ PAC CST  
Station Type: /TYPA/AMBNT/STREAM  
RMI-Indexes:  
HUC:  
Major Basin: SANTA MONICA BAY  
Minor Basin: MALIBU BEACH QUADRANGLE  
RF1 Index:  
RF3 Index: 18070105001601.20  
Description:

LAT/LON: 34.037781/-118.648060  
  
  
Depth of Water: 999  
Elevation: 0  
  
RF1 Mile Point: 0.000  
RF3 Mile Point: 1.38

Agency: 21CALAFD  
FIPS State/County: 06037 CALIFORNIA/  
STORET Station ID(s): CARPAC /TG 114E5A0 1  
Within Park Boundary: Yes  
  
Aquifer:  
Water Body Id:  
ECO Region:  
Distance from RF1: 0.00  
Distance from RF3: 0.05

Date Created: 06/11/76  
  
  
  
  
On/Off RF1:  
On/Off RF3:

Parameter Inventory for Station: SAMO0053

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
***** No Parameter Data Available for this Station *****												



## Station Inventory for Station: SAMO0054

NPS Station ID: SAMO0054  
 Location: COLD CREEK NR STUNTS RANCH  
 Station Type: /TYP/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070104  
 Major Basin:  
 Minor Basin:  
 RF1 Index: 18070104  
 RF3 Index: 18070104001500.24  
 Description:

LAT/LON: 34.092781/-118.649449

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 0.33

Agency: 112WRD  
 FIPS State/County: 06037 CALIFORNIA/LOS ANGELES  
 STORET Station ID(s): 340534118385801  
 Within Park Boundary: Yes

Date Created: 06/05/82

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 2.00  
 Distance from RF3: 0.01

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: SAMO0054

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/18/82-02/01/86	7	19.5	18.357	27.	10.5	33.893	5.822	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/30/84-07/24/84	3	24.5	23.667	26.5	20.	11.083	3.329	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	03/18/82-02/01/86	7	750.	747.286	759.	722.	136.905	11.701	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/27/82-02/01/86	6	0.14	1.23	5.	0.03	3.995	1.999	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/18/82-02/01/86	7	1040.	945.	1220.	430.	78125.	279.508	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/18/82-02/01/86	7	8.2	8.657	10.9	5.9	3.636	1.907	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/18/82-07/27/82	2	108.	108.	113.	103.	50.	7.071	**	**	**
00400	PH (STANDARD UNITS)	03/18/82-02/01/86	6	8.05	8.05	8.3	7.8	0.027	0.164	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/18/82-02/01/86	6	8.047	8.024	8.3	7.8	0.028	0.167	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/18/82-02/01/86	6	0.009	0.009	0.016	0.005	0.	0.004	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/18/82-02/01/86	7	8.3	8.286	8.6	8.1	0.031	0.177	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/18/82-02/01/86	7	8.3	8.257	8.6	8.1	0.032	0.18	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/18/82-02/01/86	7	0.005	0.006	0.008	0.003	0.	0.002	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	03/18/82-03/18/82	1	2.3	2.3	2.3	2.3	0.	0.	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	07/13/83-02/01/86	4	337.5	329.25	396.	246.	5344.917	73.109	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	03/18/82-02/01/86	7 ##	0.05	0.293	1.5	0.05	0.292	0.54	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/18/82-07/27/82	2	0.135	0.135	0.18	0.09	0.004	0.064	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/18/82-02/01/86	7	0.06	0.054	0.09	0.02	0.001	0.024	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	03/18/82-02/01/86	3	320.	280.	350.	170.	9300.	96.437	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	03/18/82-02/01/86	3	49.	57.	110.	12.	2449.	49.487	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	03/18/82-02/01/86	7	93.	86.714	110.	36.	772.238	27.789	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	03/18/82-02/01/86	7	47.	43.714	56.	20.	169.905	13.035	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	03/18/82-02/01/86	7	72.	60.286	78.	21.	474.571	21.785	**	**	**
00931	SODIUM ADSORPTION RATIO	03/18/82-02/01/86	3	1.	1.1	1.6	0.7	0.21	0.458	**	**	**
00932	SODIUM, PERCENT	03/18/82-02/01/86	3	21.	23.	27.	21.	12.	3.464	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/18/82-02/01/86	7	1.3	1.429	2.3	1.	0.182	0.427	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	03/18/82-02/01/86	7	48.	46.714	65.	19.	277.238	16.65	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	03/18/82-02/01/86	7	190.	145.714	190.	14.	5867.238	76.598	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/18/82-02/01/86	7	0.3	0.329	0.4	0.3	0.002	0.049	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	03/18/82-02/01/86	7	42.	37.286	48.	21.	121.238	11.011	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	05/30/84-02/01/86	4	1.5	1.75	3.	1.	0.917	0.957	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	03/18/82-02/01/86	7	860.	1362.857	3900.	650.	1377990.476	1173.878	**	**	**
01027	CADMIUM, TOTAL (UG/L AS Cd)	05/30/84-02/01/86	4 ##	5.	5.	5.	5.	0.	0.	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS Cr)	05/30/84-02/01/86	4 ##	5.	8.75	20.	5.	56.25	7.5	**	**	**
01042	COPPER, TOTAL (UG/L AS Cu)	05/30/84-02/01/86	4	10.	8.75	10.	5.	6.25	2.5	**	**	**
01046	IRON, DISSOLVED (UG/L AS Fe)	03/18/82-02/01/86	7	12.	16.429	48.	1.5	274.869	16.579	**	**	**
01051	LEAD, TOTAL (UG/L AS Pb)	05/30/84-02/01/86	4 ##	50.	62.5	100.	50.	625.	25.	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS Sr)	07/13/83-07/13/83	1	68.	68.	68.	68.	0.	0.	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: SAMO0054

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01092 ZINC, TOTAL (UG/L AS ZN)	05/30/84-02/01/86	4	15.	21.25	50.	5.	406.25	20.156	**	**	**	**
01147 SELENIUM, TOTAL (UG/L AS SE)	05/30/84-02/01/86	4 ##	0.5	0.625	1.	0.5	0.063	0.25	**	**	**	**
31625 FECAL COLIFORM, MF,M-FC, 0.7 UM	03/18/82-02/01/86	6	67.5	172.833	700.	36.	67305.367	259.433	**	**	**	**
31625 LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	03/18/82-02/01/86	6	1.829	1.974	2.845	1.556	0.207	0.455	**	**	**	**
31625 GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			94.249								
31673 FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/18/82-02/01/86	6	849.	1203.333	2600.	82.	1279988.267	1131.366	**	**	**	**
31673 LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/18/82-02/01/86	6	2.904	2.827	3.415	1.914	0.349	0.591	**	**	**	**
31673 GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			671.832								
39024 PROPANINE,COULSON CONDUCTIVITY,WATER SAMPL(UG/L)	02/01/86-02/01/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39054 SIMETRYNE IN WHOLE WATER (UG/L)	02/01/86-02/01/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39055 SIMAZINE IN WHOLE WATER (UG/L)	02/01/86-02/01/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39056 PROMETONE IN WHOLE WATER (UG/L)	02/01/86-02/01/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39057 PROMETRYNE IN WHOLE WATER (UG/L)	02/01/86-02/01/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39398 ETHION IN WHOLE WATER SAMPLE (UG/L)	02/01/86-02/01/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39530 MALATHION IN WHOLE WATER SAMPLE (UG/L)	02/01/86-02/01/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39540 PARATHION IN WHOLE WATER SAMPLE (UG/L)	02/01/86-02/01/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39570 DIAZINON IN WHOLE WATER SAMPLE (UG/L)	02/01/86-02/01/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39600 METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	02/01/86-02/01/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39630 ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	02/01/86-02/01/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39786 TRITHION IN WHOLE WATER SAMPLE (UG/L)	02/01/86-02/01/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39790 METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	02/01/86-02/01/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/18/82-02/01/86	7	680.	617.571	783.	263.	38398.952	195.957	**	**	**	**
70301 SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	03/18/82-02/01/86	3	430.	421.333	604.	230.	35025.333	187.151	**	**	**	**
70302 SOLIDS, DISSOLVED-TONS PER DAY	07/27/82-07/27/82	1	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
70303 SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/18/82-07/27/82	2	0.49	0.49	0.62	0.36	0.034	0.184	**	**	**	**
71900 MERCURY, TOTAL (UG/L AS HG)	05/30/84-07/24/84	3	0.1	0.083	0.1	0.05	0.001	0.029	**	**	**	**
81757 CYANAZINE IN THE WHOLE WATER SAMPLE UG/L	02/01/86-02/01/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
82184 AMETRYNE (GESAPAX OR EVIK) TOTAL UG/L	02/01/86-02/01/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0054

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
			Obs			Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	7	0	0.00	4	0	0.00	1	0	0.00	2	0	0.00			
00400 PH	Other-Hi Lim.	9.	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			
	Other-Lo Lim.	6.5	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			
00403 PH, LAB	Other-Hi Lim.	9.	7	0	0.00	4	0	0.00	1	0	0.00	2	0	0.00			
	Other-Lo Lim.	6.5	7	0	0.00	4	0	0.00	1	0	0.00	2	0	0.00			
00631 NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	7	0	0.00	4	0	0.00	1	0	0.00	2	0	0.00			
00940 CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	7	0	0.00	4	0	0.00	1	0	0.00	2	0	0.00			
	Drinking Water	250.	7	0	0.00	4	0	0.00	1	0	0.00	2	0	0.00			
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	7	0	0.00	4	0	0.00	1	0	0.00	2	0	0.00			
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	7	0	0.00	4	0	0.00	1	0	0.00	2	0	0.00			
01002 ARSENIC, TOTAL	Fresh Acute	360.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
	Drinking Water	50.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
01027 CADMIUM, TOTAL	Fresh Acute	3.9	0 &	0	0.00												
	Drinking Water	5.	0 &	0	0.00												
01034 CHROMIUM, TOTAL	Drinking Water	100.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
01042 COPPER, TOTAL	Fresh Acute	18.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
	Drinking Water	1300.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
01051 LEAD, TOTAL	Fresh Acute	82.	4	1	0.25	2	1	0.50	1	0	0.00	1	0	0.00			
	Drinking Water	15.	1 &	1	1.00	1	1	1.00									
01092 ZINC, TOTAL	Fresh Acute	120.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
	Drinking Water	5000.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
01147 SELENIUM, TOTAL	Fresh Acute	20.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
	Drinking Water	50.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
31625 FECAL COLIFORM, MF	Other-Hi Lim.	200.	6	1	0.17	3	0	0.00	1	1	1.00	2	0	0.00			
39055 SIMAZINE IN WHOLE WATER	Drinking Water	4.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### EPA Water Quality Criteria Analysis for Station: SAMO0054

Parameter	Std. Type	Std. Value	Total			-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
			Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
39540 PARATHION IN WHOLE WATER SAMPLE	Fresh Acute	0.065	1	0	0.00				1	0	0.00						
39630 ATRAZINE(AATREX) IN WHOLE WATER SAMPLE	Drinking Water	3.	1	0	0.00				1	0	0.00						
71900 MERCURY, TOTAL	Fresh Acute	2.4	3	0	0.00	2	0	0.00				1	0	0.00			
	Drinking Water	2.	3	0	0.00	2	0	0.00				1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0055

NPS Station ID: SAMO0055  
 Location: LOS ANGELES AQUED AT OUTLET AT SAN FERNANDO C  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070103  
 Major Basin:  
 Minor Basin:  
 RF1 Index: 18070103  
 RF3 Index:  
 Description:

LAT/LON: 34.312781/-118.658892

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 0.00

Agency: 112WRD  
 FIPS State/County: 06037 CALIFORNIA/LOS ANGELES  
 STORET Station ID(s): 10278300  
 Within Park Boundary: No

Date Created: / /

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 0.00  
 Distance from RF3: 0.00

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: SAMO0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/17/67-08/30/76	100	15.	15.142	26.1	5.6	34.983	5.915	7.26	9.625	21.	23.
00060	FLOW, STREAM, MEAN DAILY CFS	11/15/66-09/27/76	107	580.	584.963	816.	164.	18133.338	134.66	408.2	493.	708.	763.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/15/73-09/27/76	32	3.	3.253	6.	1.	1.352	1.163	2.	2.	4.	4.5
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	10/26/70-09/21/71	12	6.	7.25	12.	5.	5.659	2.379	5.	5.25	8.75	11.7
00080	COLOR (PLATINUM-COBALT UNITS)	10/26/70-09/19/72	24	10.	11.208	20.	5.	25.042	5.004	5.	7.	15.	20.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/18/66-09/27/76	102	329.	337.196	635.	204.	3234.535	56.873	289.	309.75	354.5	394.
00300	OXYGEN, DISSOLVED MG/L	10/17/67-08/30/76	102	9.8	9.89	13.4	6.6	2.25	1.5	8.	8.6	11.2	12.
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/16/72-09/17/73	12	105.	104.083	110.	89.	30.811	5.551	92.6	102.25	107.75	109.7
00310	BOD, 5 DAY, 20 DEG C MG/L	10/26/70-09/27/76	56	1.5	1.554	3.9	0.1	0.867	0.931	0.34	0.825	2.	3.13
00340	COD, .25N K2CR2O7 MG/L	10/15/73-09/24/75	19	4.	4.184	8.	0.5	5.7	2.388	1.	2.	6.	8.
00400	PH (STANDARD UNITS)	10/18/66-08/30/76	94	8.2	8.178	8.9	7.6	0.066	0.258	7.8	8.075	8.3	8.5
00400	CONVERTED PH (STANDARD UNITS)	10/18/66-08/30/76	94	8.2	8.096	8.9	7.6	0.073	0.271	7.8	8.075	8.3	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/66-08/30/76	94	0.006	0.008	0.025	0.001	0.	0.006	0.003	0.005	0.008	0.016
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/22/68-09/27/76	56	109.	104.982	135.	60.	239.254	15.468	84.7	94.25	117.25	120.
00440	BICARBONATE ION (MG/L AS HCO3)	10/22/68-09/16/69	12	112.5	112.667	155.	73.	540.788	23.255	76.6	93.25	127.5	149.9
00445	CARBONATE ION (MG/L AS CO3)	10/22/68-09/16/69	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	11/21/74-08/18/75	10	0.16	0.139	0.17	0.08	0.001	0.031	0.082	0.115	0.16	0.169
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/26/70-09/19/74	33	0.	0.005	0.08	0.	0.	0.014	0.	0.	0.005	0.016
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/21/74-09/24/75	11 ##	0.005	0.008	0.02	0.005	0.	0.006	0.005	0.005	0.005	0.02
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/19/71-09/19/74	21	0.	0.003	0.01	0.	0.	0.003	0.	0.	0.005	0.009
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/21/74-09/27/76	23 ##	0.005	0.005	0.01	0.005	0.	0.001	0.005	0.005	0.005	0.008
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/19/71-09/19/74	33	0.2	0.186	0.38	0.02	0.006	0.078	0.078	0.14	0.23	0.27
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/21/74-09/27/76	23	0.16	0.161	0.27	0.	0.004	0.065	0.078	0.11	0.2	0.25
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/26/70-09/27/76	56	0.195	1.626	80.	0.05	113.72	10.664	0.12	0.13	0.24	0.32
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/19/71-09/27/76	45	0.15	0.19	0.95	0.03	0.022	0.148	0.078	0.12	0.21	0.334
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/26/70-09/27/76	57	0.06	0.063	0.31	0.01	0.002	0.043	0.03	0.04	0.075	0.1
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	10/15/73-09/24/75	19 ##	5.	3.658	10.	0.5	6.89	2.625	0.5	0.5	5.	5.
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	10/18/66-09/27/76	109	85.	84.422	118.	51.	122.783	11.081	70.	79.5	90.	100.
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	10/22/68-09/16/69	12	0.	2.667	14.	0.	22.242	4.716	0.	0.	4.5	12.8
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	10/18/66-09/27/76	109	25.	24.459	30.	16.	7.325	2.706	20.	23.	26.	28.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/18/66-09/27/76	109	5.6	6.124	56.	2.4	25.11	5.011	4.	4.9	6.3	8.
00930	SODIUM, DISSOLVED (MG/L AS Na)	10/18/66-09/27/76	109	33.	34.642	88.	19.	75.491	8.689	27.	30.	36.	42.
00931	SODIUM ADSORPTION RATIO	10/17/67-09/27/76	104	1.6	1.632	3.7	0.7	0.119	0.345	1.4	1.5	1.7	1.8
00932	SODIUM, PERCENT	10/17/67-09/27/76	104	45.	45.029	62.	16.	21.019	4.585	42.	43.	47.	47.5
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/18/66-09/27/76	109	3.7	4.386	29.	1.2	16.672	4.083	2.9	3.3	4.	5.
00940	CHLORIDE, TOTAL IN WATER MG/L	10/18/66-09/27/76	109	15.	15.284	47.	6.	24.557	4.956	12.	13.	16.	18.
00945	SULFATE, TOTAL (MG/L AS SO4)	10/18/66-09/27/76	109	28.	29.064	113.	15.	150.524	12.269	19.	21.	33.	39.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/18/66-09/27/76	109	0.5	0.582	5.	0.3	0.193	0.439	0.4	0.5	0.6	0.6

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: SAMO0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/18/66-09/27/76	109	22.	21.89	28.	14.	7.932	2.816	18.	20.	23.5	26.
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/26/70-09/19/74	20	20.	20.75	40.	5.	108.618	10.422	5.	10.	30.	30.
01002	ARSENIC, TOTAL (UG/L AS AS)	10/19/71-09/27/76	35	20.	17.586	40.	0.5	89.742	9.473	5.	10.	20.	30.
01005	BARIUM, DISSOLVED (UG/L AS BA)	10/15/73-09/19/74	8 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	01/26/75-09/24/75	8 ##	50.	44.375	50.	5.	253.125	15.91	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	10/15/73-09/19/74	8	60.	75.	130.	50.	971.429	31.168	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	10/18/66-09/27/76	104	430.	439.908	890.	0.4	16675.216	129.133	310.	345.	500.	605.
01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/15/73-09/19/74	8 ##	1.	1.125	2.	1.	0.125	0.354	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	11/21/74-09/24/75	11 ##	1.	1.545	7.	1.	3.273	1.809	1.	1.	1.	5.8
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/21/75-08/18/75	4 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	10/15/73-09/19/74	8	100.	113.75	200.	10.	5941.071	77.078	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	11/21/74-09/24/75	11	100.	78.182	150.	10.	1536.364	39.196	18.	50.	100.	140.
01045	IRON, TOTAL (UG/L AS FE)	11/21/74-09/27/76	23	40.	69.13	300.	20.	4099.209	64.025	20.	40.	80.	160.
01046	IRON, DISSOLVED (UG/L AS FE)	10/26/70-09/19/74	33	40.	52.579	150.	0.1	1109.236	33.305	20.	30.	60.	100.
01049	LEAD, DISSOLVED (UG/L AS PB)	10/15/73-09/19/74	8 ##	5.	5.625	10.	5.	3.125	1.768	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	11/21/74-09/24/75	11 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01055	MANGANESE, TOTAL (UG/L AS MN)	11/21/74-09/24/75	11 ##	10.	10.909	20.	10.	9.091	3.015	10.	10.	10.	18.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/15/73-09/19/74	8 ##	7.5	7.5	10.	5.	7.143	2.673	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	01/26/75-09/24/75	8 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	10/15/73-09/19/74	8 ##	10.	12.5	20.	10.	21.429	4.629	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	11/21/74-09/24/75	11	20.	19.091	40.	10.	89.091	9.439	10.	10.	20.	38.
01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/15/73-09/19/74	8	3.5	3.625	7.	1.	4.268	2.066	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	11/21/74-09/24/75	11 ##	1.	2.273	8.	1.	5.018	2.24	1.	1.	2.	7.4
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	10/15/73-09/24/75	19 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/16/72-09/17/73	12	206.5	196.083	244.	128.	1286.265	35.865	136.1	160.5	221.25	242.8
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/22/68-09/16/69	12	202.5	228.167	384.	159.	4718.515	68.691	162.9	177.75	287.	361.5
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/22/68-09/17/73	24	309.	316.875	506.	222.	4855.94	69.685	231.5	268.	361.75	406.5
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/22/68-09/17/73	24	0.28	0.288	0.52	0.17	0.006	0.076	0.21	0.233	0.315	0.415
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	10/19/71-09/19/74	21	0.	0.006	0.1	0.	0.001	0.022	0.	0.	0.	0.024
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/18/66-09/19/74	86	0.7	0.797	3.3	0.1	0.235	0.485	0.3	0.5	1.	1.2
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	10/26/70-09/19/74	33	0.	0.005	0.03	0.	0.	0.009	0.	0.	0.008	0.02
71865	IODIDE (MG/L AS I)	10/15/73-09/24/75	19	12.	27.632	150.	10.	1875.357	43.305	10.	10.	20.	150.
71870	BROMIDE (MG/L AS BR)	11/21/74-09/24/75	11 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
71890	MERCURY, DISSOLVED (UG/L AS HG)	10/15/73-09/19/74	8 ##	0.05	0.075	0.25	0.05	0.005	0.071	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	11/21/74-09/27/76	22 ##	0.05	0.08	0.5	0.05	0.011	0.103	0.05	0.05	0.05	0.19

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0055

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	50.	32	0	0.00	13	0	0.00	12	0	0.00	7	0	0.00			
00300	OXYGEN, DISSOLVED	4.	102	0	0.00	42	0	0.00	35	0	0.00	25	0	0.00			
00400	PH	9.	94	0	0.00	35	0	0.00	36	0	0.00	23	0	0.00			
	Other-Lo Lim.	6.5	94	0	0.00	35	0	0.00	36	0	0.00	23	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	1.	21	0	0.00	9	0	0.00	8	0	0.00	4	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	1.	23	0	0.00	9	0	0.00	8	0	0.00	6	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	10.	33	0	0.00	14	0	0.00	12	0	0.00	7	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	10.	23	0	0.00	9	0	0.00	8	0	0.00	6	0	0.00			
00720	CYANIDE, TOTAL	0.022	1 &	1	1.00				1	1	1.00						
	Drinking Water	0.2	1 &	1	1.00				1	1	1.00						
00940	CHLORIDE, TOTAL IN WATER	860.	109	0	0.00	44	0	0.00	39	0	0.00	26	0	0.00			
	Drinking Water	250.	109	0	0.00	44	0	0.00	39	0	0.00	26	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	250.	109	0	0.00	44	0	0.00	39	0	0.00	26	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	4.	109	1	0.01	44	1	0.02	39	0	0.00	26	0	0.00			
01000	ARSENIC, DISSOLVED	360.	20	0	0.00	9	0	0.00	7	0	0.00	4	0	0.00			
	Drinking Water	50.	20	0	0.00	9	0	0.00	7	0	0.00	4	0	0.00			
01002	ARSENIC, TOTAL	360.	35	0	0.00	14	0	0.00	12	0	0.00	9	0	0.00			
	Drinking Water	50.	35	0	0.00	14	0	0.00	12	0	0.00	9	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### EPA Water Quality Criteria Analysis for Station: SAMO0055

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
01005	BARIUM, DISSOLVED	2000.	8	0	0.00	4	0	0.00	4	0	0.00						
01007	BARIUM, TOTAL	2000.	8	0	0.00	3	0	0.00	2	0	0.00	3	0	0.00			
01010	BERYLLIUM, DISSOLVED	130.	8	1	0.13	4	1	0.25	4	0	0.00						
	Drinking Water	4.	7 &	7	1.00	3	3	1.00	4	4	1.00						
01025	CADMIUM, DISSOLVED	3.9	8	0	0.00	4	0	0.00	4	0	0.00						
	Drinking Water	5.	8	0	0.00	4	0	0.00	4	0	0.00						
01027	CADMIUM, TOTAL	3.9	11	1	0.09	4	1	0.25	4	0	0.00	3	0	0.00			
	Drinking Water	5.	11	1	0.09	4	1	0.25	4	0	0.00	3	0	0.00			
01034	CHROMIUM, TOTAL	100.	4	0	0.00	2	0	0.00				2	0	0.00			
01040	COPPER, DISSOLVED	18.	8	7	0.88	4	4	1.00	4	3	0.75						
	Drinking Water	1300.	8	0	0.00	4	0	0.00	4	0	0.00						
01042	COPPER, TOTAL	18.	11	10	0.91	4	4	1.00	4	4	1.00	3	2	0.67			
	Drinking Water	1300.	11	0	0.00	4	0	0.00	4	0	0.00	3	0	0.00			
01049	LEAD, DISSOLVED	82.	8	0	0.00	4	0	0.00	4	0	0.00						
	Drinking Water	15.	8	0	0.00	4	0	0.00	4	0	0.00						
01051	LEAD, TOTAL	82.	11	0	0.00	4	0	0.00	4	0	0.00	3	0	0.00			
	Drinking Water	15.	11	0	0.00	4	0	0.00	4	0	0.00	3	0	0.00			
01077	SILVER, TOTAL	4.1	0 &	0	0.00												
	Drinking Water	100.	8	0	0.00	3	0	0.00	2	0	0.00	3	0	0.00			
01090	ZINC, DISSOLVED	120.	8	0	0.00	4	0	0.00	4	0	0.00						
	Drinking Water	5000.	8	0	0.00	4	0	0.00	4	0	0.00						
01092	ZINC, TOTAL	120.	11	0	0.00	4	0	0.00	4	0	0.00	3	0	0.00			
	Drinking Water	5000.	11	0	0.00	4	0	0.00	4	0	0.00	3	0	0.00			
01145	SELENIUM, DISSOLVED	20.	8	0	0.00	4	0	0.00	4	0	0.00						
	Drinking Water	50.	8	0	0.00	4	0	0.00	4	0	0.00						
01147	SELENIUM, TOTAL	20.	11	0	0.00	4	0	0.00	4	0	0.00	3	0	0.00			
	Drinking Water	50.	11	0	0.00	4	0	0.00	4	0	0.00	3	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	44.	86	0	0.00	35	0	0.00	31	0	0.00	20	0	0.00			
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	3.3	33	0	0.00	14	0	0.00	12	0	0.00	7	0	0.00			
71890	MERCURY, DISSOLVED	2.4	8	0	0.00	4	0	0.00	4	0	0.00						
	Drinking Water	2.	8	0	0.00	4	0	0.00	4	0	0.00						
71900	MERCURY, TOTAL	2.4	22	0	0.00	9	0	0.00	7	0	0.00	6	0	0.00			
	Drinking Water	2.	22	0	0.00	9	0	0.00	7	0	0.00	6	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### Annual Analysis for 1966 - Station SAMO0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00060	FLOW, STREAM, MEAN DAILY CFS	11/15/66-09/27/76	2	366.	366.	396.	336.	1800.	42.426	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/18/66-09/27/76	3	318.	328.	356.	310.	604.	24.576	**	**	**	**
00400	PH (STANDARD UNITS)	10/18/66-08/30/76	3	8.3	8.3	8.4	8.2	0.01	0.1	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/18/66-08/30/76	3	8.3	8.292	8.4	8.2	0.01	0.1	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/66-08/30/76	3	0.005	0.005	0.006	0.004	0.	0.001	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	10/18/66-09/27/76	3	79.	84.333	95.	79.	85.333	9.238	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	10/18/66-09/27/76	3	22.	23.333	26.	22.	5.333	2.309	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	10/18/66-09/27/76	3	6.	6.333	7.	6.	0.333	0.577	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	10/18/66-09/27/76	3	32.	33.	35.	32.	3.	1.732	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/18/66-09/27/76	3	4.	4.	4.	4.	0.	0.	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	10/18/66-09/27/76	3	15.	14.667	15.	14.	0.333	0.577	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/18/66-09/27/76	3	23.	21.667	26.	16.	26.333	5.132	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/18/66-09/27/76	3	0.5	0.533	0.7	0.4	0.023	0.153	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	10/18/66-09/27/76	3	23.	23.	23.	23.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	10/18/66-09/27/76	3	420.	406.667	500.	300.	10133.333	100.664	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/18/66-09/19/74	3	0.8	0.6	0.8	0.2	0.12	0.346	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1967 - Station SAMO0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/17/67-08/30/76	3	15.6	14.433	18.3	9.4	20.823	4.563	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	11/15/66-09/27/76	5	464.	436.4	495.	323.	5368.8	73.272	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/18/66-09/27/76	5	335.	356.8	436.	291.	3538.7	59.487	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/17/67-08/30/76	3	9.6	9.733	11.2	8.4	1.973	1.405	**	**	**	**
00400	PH (STANDARD UNITS)	10/18/66-08/30/76	5	8.3	8.22	8.5	7.8	0.067	0.259	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/18/66-08/30/76	5	8.3	8.151	8.5	7.8	0.073	0.27	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/66-08/30/76	5	0.005	0.007	0.016	0.003	0.	0.005	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	10/18/66-09/27/76	5	85.	81.4	90.	69.	81.3	9.017	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	10/18/66-09/27/76	5	24.	23.4	25.	21.	3.3	1.817	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	10/18/66-09/27/76	5	6.	5.6	7.	4.	1.3	1.14	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	10/18/66-09/27/76	5	31.	35.6	44.	30.	46.3	6.804	**	**	**	**
00931	SODIUM ADSORPTION RATIO	10/17/67-09/27/76	3	1.6	1.567	1.6	1.5	0.003	0.058	**	**	**	**
00932	SODIUM, PERCENT	10/17/67-09/27/76	3	46.	45.333	47.	43.	4.333	2.082	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/18/66-09/27/76	5	4.	4.	4.	4.	0.	0.	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	10/18/66-09/27/76	5	14.	15.6	21.	12.	14.3	3.782	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/18/66-09/27/76	5	33.	35.	49.	28.	75.5	8.689	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/18/66-09/27/76	5	0.4	0.48	0.7	0.4	0.017	0.13	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	10/18/66-09/27/76	5	19.	19.4	21.	18.	1.3	1.14	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	10/18/66-09/27/76	5	480.	488.	650.	390.	11170.	105.688	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/18/66-09/19/74	5	0.4	0.5	1.2	0.2	0.17	0.412	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1968 - Station SAMO0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/17/67-08/30/76	11	13.9	14.727	22.8	5.6	36.588	6.049	6.04	10.	21.7	22.68
00060	FLOW, STREAM, MEAN DAILY CFS	11/15/66-09/27/76	12	488.5	467.833	502.	409.	1274.697	35.703	410.2	439.75	496.5	502.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/18/66-09/27/76	12	342.	341.	372.	308.	448.545	21.179	309.5	322.25	360.75	370.8
00300	OXYGEN, DISSOLVED MG/L	10/17/67-08/30/76	12	9.95	9.975	12.	8.	2.138	1.462	8.06	8.4	11.4	11.94
00400	PH (STANDARD UNITS)	10/18/66-08/30/76	12	8.2	8.242	8.4	8.1	0.014	0.116	8.1	8.125	8.375	8.4
00400	CONVERTED PH (STANDARD UNITS)	10/18/66-08/30/76	12	8.2	8.228	8.4	8.1	0.014	0.117	8.1	8.125	8.375	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/66-08/30/76	12	0.006	0.006	0.008	0.004	0.	0.002	0.004	0.004	0.008	0.008

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1968 - Station SAMO0055

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/22/68-09/27/76	3	94.	96.667	105.	91.	54.333	7.371	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	10/18/66-09/27/76	12	86.5	87.167	105.	80.	44.333	6.658	80.	82.75	100.8
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	10/18/66-09/27/76	12	25.	25.	29.	23.	2.909	1.706	23.	24.	28.4
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	10/18/66-09/27/76	12	6.	6.167	8.	5.	0.879	0.937	5.	5.25	7.7
00930	SODIUM, DISSOLVED (MG/L AS Na)	10/18/66-09/27/76	12	36.	36.667	44.	31.	16.788	4.097	31.6	33.25	43.7
00931	SODIUM ADSORPTION RATIO	10/17/67-09/27/76	12	1.65	1.708	2.1	1.5	0.032	0.178	1.53	1.6	2.07
00932	SODIUM, PERCENT	10/17/67-09/27/76	12	46.	46.167	51.	43.	5.606	2.368	43.3	44.25	50.7
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/18/66-09/27/76	12	4.	4.	5.	3.	0.182	0.426	3.3	4.	4.7
00940	CHLORIDE, TOTAL IN WATER MG/L	10/18/66-09/27/76	12	15.5	15.167	17.	13.	1.788	1.337	13.3	14.	17.
00945	SULFATE, TOTAL (MG/L AS SO4)	10/18/66-09/27/76	12	29.	28.917	36.	22.	16.992	4.122	22.6	26.	35.4
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/18/66-09/27/76	12	0.6	0.567	0.7	0.5	0.004	0.065	0.5	0.5	0.67
00955	SILICA, DISSOLVED (MG/L AS SiO2)	10/18/66-09/27/76	12	22.	22.	24.	19.	1.636	1.279	19.6	21.25	23.7
01020	BORON, DISSOLVED (UG/L AS B)	10/18/66-09/27/76	12	475.	489.167	790.	400.	10899.242	104.399	400.	412.5	709.
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/18/66-09/19/74	12	0.5	0.65	1.1	0.3	0.103	0.321	0.33	0.4	1.1

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1969 - Station SAMO0055

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/17/67-08/30/76	12	15.	14.667	22.8	7.	35.193	5.932	7.06	8.075	22.8
00060	FLOW, STREAM, MEAN DAILY CFS	11/15/66-09/27/76	12	489.5	495.667	677.	300.	7332.424	85.63	346.8	467.	644.3
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/18/66-09/27/76	12	338.5	387.833	635.	276.	13709.061	117.086	282.9	305.5	608.3
00300	OXYGEN, DISSOLVED MG/L	10/17/67-08/30/76	12	10.3	10.242	12.	8.	2.148	1.466	8.12	8.85	11.94
00400	PH (STANDARD UNITS)	10/18/66-08/30/76	12	8.	7.975	8.3	7.6	0.058	0.242	7.6	7.75	8.27
00400	CONVERTED PH (STANDARD UNITS)	10/18/66-08/30/76	12	8.	7.911	8.3	7.6	0.063	0.251	7.6	7.75	8.27
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/66-08/30/76	12	0.01	0.012	0.025	0.005	0.	0.007	0.005	0.018	0.025
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/22/68-09/27/76	9	87.	91.	127.	60.	472.5	21.737	60.	72.	127.
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	10/18/66-09/27/76	12	89.	89.667	108.	70.	119.879	10.949	71.5	84.5	106.8
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	10/18/66-09/27/76	12	24.5	24.5	30.	20.	11.364	3.371	20.	22.	30.
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	10/18/66-09/27/76	12	7.	6.917	8.	5.	0.992	0.996	5.3	6.	8.
00930	SODIUM, DISSOLVED (MG/L AS Na)	10/18/66-09/27/76	12	36.	44.917	88.	28.	400.083	20.002	28.6	31.	83.2
00931	SODIUM ADSORPTION RATIO	10/17/67-09/27/76	12	1.7	2.05	3.7	1.4	0.619	0.787	1.4	1.5	3.52
00932	SODIUM, PERCENT	10/17/67-09/27/76	12	46.5	48.917	62.	42.	48.992	6.999	42.	43.25	60.8
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/18/66-09/27/76	12	4.	4.667	8.	3.	2.424	1.557	3.	4.	7.7
00940	CHLORIDE, TOTAL IN WATER MG/L	10/18/66-09/27/76	12	15.5	21.417	47.	9.	135.902	11.658	10.5	14.25	43.7
00945	SULFATE, TOTAL (MG/L AS SO4)	10/18/66-09/27/76	12	39.	48.25	113.	27.	620.205	24.904	27.3	30.75	101.9
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/18/66-09/27/76	12	0.5	0.575	1.	0.4	0.04	0.201	0.4	0.4	0.97
00955	SILICA, DISSOLVED (MG/L AS SiO2)	10/18/66-09/27/76	12	19.5	19.25	24.	14.	7.295	2.701	14.6	18.	23.4
01020	BORON, DISSOLVED (UG/L AS B)	10/18/66-09/27/76	12	535.	572.5	890.	320.	35947.727	189.599	335.	415.	890.
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/18/66-09/19/74	12	0.75	1.167	3.3	0.4	0.837	0.915	0.43	0.5	2.97

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1970 - Station SAMO0055

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/17/67-08/30/76	11	14.	15.673	26.1	7.8	48.284	6.949	7.8	9.5	25.66
00060	FLOW, STREAM, MEAN DAILY CFS	11/15/66-09/27/76	12	646.5	623.833	779.	350.	25465.606	159.579	352.1	542.5	776.9
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/18/66-09/27/76	12	369.	371.833	427.	322.	1232.152	35.102	322.3	341.5	424.9
00300	OXYGEN, DISSOLVED MG/L	10/17/67-08/30/76	12	10.	10.033	11.8	8.2	1.752	1.323	8.32	8.8	11.74
00310	BOD, 5 DAY, 20 DEG C MG/L	10/26/70-09/27/76	3	1.1	1.167	1.6	0.8	0.163	0.404	**	**	**
00400	PH (STANDARD UNITS)	10/18/66-08/30/76	11	8.3	8.227	8.4	8.	0.014	0.119	8.02	8.1	8.38
00400	CONVERTED PH (STANDARD UNITS)	10/18/66-08/30/76	11	8.3	8.212	8.4	8.	0.014	0.12	8.02	8.1	8.38
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/66-08/30/76	11	0.005	0.006	0.01	0.004	0.	0.002	0.004	0.005	0.01

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### Annual Analysis for 1970 - Station SAMO0055

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/26/70-09/27/76	3	0.2	0.213	0.24	0.2	0.001	0.023	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/26/70-09/27/76	3	0.08	0.077	0.09	0.06	0.	0.015	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	10/18/66-09/27/76	12	101.5	98.917	118.	85.	93.174	9.653	85.	90.75	115.
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	10/18/66-09/27/76	12	27.5	27.167	30.	24.	4.152	2.038	24.	25.25	29.7
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/18/66-09/27/76	12	7.65	7.508	11.	5.5	2.03	1.425	5.65	6.25	10.1
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/18/66-09/27/76	12	38.	38.5	45.	33.	18.273	4.275	33.	35.	44.7
00931	SODIUM ADSORPTION RATIO	10/17/67-09/27/76	12	1.75	1.7	1.9	1.5	0.018	0.135	1.5	1.6	1.87
00932	SODIUM, PERCENT	10/17/67-09/27/76	12	45.	44.583	47.	42.	3.174	1.782	42.	43.	46.7
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/18/66-09/27/76	12	4.	4.267	5.	3.7	0.306	0.553	3.7	3.85	5.
00940	CHLORIDE, TOTAL IN WATER MG/L	10/18/66-09/27/76	12	16.	17.25	21.	14.	5.114	2.261	14.3	16.	20.7
00945	SULFATE, TOTAL (MG/L AS SO4)	10/18/66-09/27/76	12	32.5	33.	44.	16.	52.	7.211	19.6	30.	43.1
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/18/66-09/27/76	12	0.55	0.525	0.7	0.3	0.015	0.122	0.3	0.5	0.67
00955	SILICA, DISSOLVED (MG/L AS SiO2)	10/18/66-09/27/76	12	23.	23.25	28.	20.	5.841	2.417	20.	22.	27.7
01020	BORON, DISSOLVED (UG/L AS B)	10/18/66-09/27/76	12	515.	534.167	720.	410.	8262.879	90.9	410.	485.	693.
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/18/66-09/19/74	12	0.55	0.658	1.3	0.1	0.175	0.419	0.16	0.3	1.27

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### Annual Analysis for 1971 - Station SAMO0055

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/17/67-08/30/76	11	16.5	16.	24.	7.	36.55	6.046	7.4	10.	23.8
00060	FLOW, STREAM, MEAN DAILY CFS	11/15/66-09/27/76	12	628.	601.833	816.	164.	29353.788	171.329	262.4	518.75	799.8
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/18/66-09/27/76	12	327.5	328.	360.	300.	548.364	23.417	300.6	304.75	359.4
00300	OXYGEN, DISSOLVED MG/L	10/17/67-08/30/76	11	8.6	9.164	12.4	6.6	2.647	1.627	6.84	8.4	12.16
00310	BOD, 5 DAY, 20 DEG C MG/L	10/26/70-09/27/76	12	1.05	1.108	2.6	0.1	0.719	0.848	0.1	0.275	2.48
00400	PH (STANDARD UNITS)	10/18/66-08/30/76	12	8.3	8.258	8.3	8.2	0.003	0.051	8.2	8.2	8.3
00400	CONVERTED PH (STANDARD UNITS)	10/18/66-08/30/76	12	8.3	8.256	8.3	8.2	0.003	0.052	8.2	8.2	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/66-08/30/76	12	0.005	0.006	0.006	0.005	0.	0.001	0.005	0.005	0.006
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/22/68-09/27/76	3	113.	118.667	135.	108.	206.333	14.364	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/26/70-09/27/76	12	0.24	0.216	0.32	0.12	0.005	0.07	0.12	0.16	0.32
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/26/70-09/27/76	12	0.065	0.081	0.31	0.04	0.005	0.074	0.04	0.04	0.244
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	10/18/66-09/27/76	12	81.	82.	92.	72.	39.636	6.296	73.2	76.5	91.4
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	10/18/66-09/27/76	12	24.	24.417	26.	22.	1.902	1.379	22.3	23.25	26.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/18/66-09/27/76	12	4.7	5.175	6.8	4.4	0.618	0.786	4.43	4.6	6.56
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/18/66-09/27/76	12	34.5	34.667	41.	31.	10.788	3.284	31.	32.	40.1
00931	SODIUM ADSORPTION RATIO	10/17/67-09/27/76	12	1.65	1.658	1.9	1.5	0.014	0.116	1.5	1.6	1.87
00932	SODIUM, PERCENT	10/17/67-09/27/76	12	46.5	46.333	49.	45.	1.515	1.231	45.	45.	48.4
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/18/66-09/27/76	12	3.65	3.792	4.9	3.5	0.166	0.408	3.5	3.6	4.72
00940	CHLORIDE, TOTAL IN WATER MG/L	10/18/66-09/27/76	12	14.5	14.667	17.	12.	2.606	1.614	12.3	13.25	17.
00945	SULFATE, TOTAL (MG/L AS SO4)	10/18/66-09/27/76	12	29.5	29.167	35.	23.	11.061	3.326	23.9	26.25	34.4
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/18/66-09/27/76	12	0.6	0.55	0.6	0.4	0.005	0.067	0.43	0.5	0.6
00955	SILICA, DISSOLVED (MG/L AS SiO2)	10/18/66-09/27/76	12	21.	21.167	23.	19.	1.606	1.267	19.3	20.	23.
01020	BORON, DISSOLVED (UG/L AS B)	10/18/66-09/27/76	12	435.	419.167	520.	320.	4317.424	65.707	323.	345.	514.
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/18/66-09/19/74	12	0.85	0.842	1.1	0.6	0.034	0.183	0.6	0.625	1.07

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### Annual Analysis for 1972 - Station SAMO0055

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/17/67-08/30/76	12	16.75	16.667	24.	8.	35.47	5.956	8.3	10.875	24.
00060	FLOW, STREAM, MEAN DAILY CFS	11/15/66-09/27/76	12	635.5	635.333	771.	493.	7483.697	86.508	502.9	556.25	764.7
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/18/66-09/27/76	12	327.	328.667	341.	319.	43.152	6.569	319.9	325.25	340.7
00300	OXYGEN, DISSOLVED MG/L	10/17/67-08/30/76	12	10.3	10.533	12.6	8.8	1.952	1.397	8.86	9.3	12.6

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### Annual Analysis for 1972 - Station SAMO0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00310	BOD, 5 DAY, 20 DEG C MG/L	10/26/70-09/27/76	9	1.1	1.022	2.	0.1	0.499	0.707	0.1	0.25	1.6	2.
00400	PH (STANDARD UNITS)	10/18/66-08/30/76	12	8.45	8.408	8.9	7.9	0.094	0.306	7.9	8.175	8.6	8.84
00400	CONVERTED PH (STANDARD UNITS)	10/18/66-08/30/76	12	8.447	8.303	8.9	7.9	0.106	0.325	7.9	8.175	8.6	8.84
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/66-08/30/76	12	0.004	0.005	0.013	0.001	0.	0.004	0.001	0.003	0.007	0.013
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/22/68-09/27/76	9	115.	114.667	120.	105.	22.5	4.743	105.	111.5	118.	120.
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/26/70-09/27/76	9	0.24	0.293	0.56	0.2	0.012	0.108	0.2	0.24	0.32	0.56
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/26/70-09/27/76	10	0.07	0.079	0.12	0.04	0.001	0.029	0.041	0.058	0.105	0.12
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	10/18/66-09/27/76	12	84.	84.833	89.	81.	6.515	2.552	81.6	83.	87.5	88.7
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	10/18/66-09/27/76	12	25.5	25.417	26.	24.	0.447	0.669	24.3	25.	26.	26.
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	10/18/66-09/27/76	12	5.4	5.225	5.8	4.1	0.235	0.485	4.25	5.025	5.6	5.74
00930	SODIUM, DISSOLVED (MG/L AS Na)	10/18/66-09/27/76	12	33.5	33.5	37.	30.	4.273	2.067	30.3	32.	35.	36.7
00931	SODIUM ADSORPTION RATIO	10/17/67-09/27/76	12	1.6	1.583	1.7	1.4	0.012	0.111	1.4	1.5	1.7	1.7
00932	SODIUM, PERCENT	10/17/67-09/27/76	12	45.	44.833	47.	41.	4.515	2.125	41.3	43.	47.	47.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/18/66-09/27/76	12	3.6	3.583	4.1	3.2	0.072	0.269	3.2	3.35	3.7	4.04
00940	CHLORIDE, TOTAL IN WATER MG/L	10/18/66-09/27/76	12	15.5	15.083	17.	12.	2.629	1.621	12.3	13.5	16.	17.
00945	SULFATE, TOTAL (MG/L AS SO4)	10/18/66-09/27/76	12	24.	24.917	37.	19.	27.72	5.265	19.3	21.	27.75	35.2
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/18/66-09/27/76	12	0.58	0.922	5.	0.4	1.655	1.287	0.43	0.5	0.6	3.71
00955	SILICA, DISSOLVED (MG/L AS SiO2)	10/18/66-09/27/76	12	23.5	23.917	27.	21.	3.174	1.782	21.3	23.	25.75	26.7
01020	BORON, DISSOLVED (UG/L AS B)	10/18/66-09/27/76	11	480.	465.455	530.	360.	4007.273	63.303	364.	400.	520.	530.
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/18/66-09/19/74	12	0.85	0.825	1.2	0.5	0.051	0.226	0.53	0.6	1.	1.17

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### Annual Analysis for 1973 - Station SAMO0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/17/67-08/30/76	12	15.75	15.625	23.	7.	32.051	5.661	7.6	10.25	20.75	23.
00060	FLOW, STREAM, MEAN DAILY CFS	11/15/66-09/27/76	12	666.5	650.333	789.	502.	9325.515	96.569	509.5	558.25	729.5	782.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/18/66-09/27/76	10	309.5	305.3	388.	204.	3904.678	62.487	208.2	248.25	362.25	387.3
00300	OXYGEN, DISSOLVED MG/L	10/17/67-08/30/76	12	9.6	10.3	13.4	8.	2.724	1.65	8.3	9.05	11.85	13.1
00310	BOD, 5 DAY, 20 DEG C MG/L	10/26/70-09/27/76	3	1.5	1.867	3.2	0.9	1.423	1.193	**	**	**	**
00400	PH (STANDARD UNITS)	10/18/66-08/30/76	10	8.2	8.2	8.6	7.8	0.056	0.236	7.81	8.125	8.275	8.59
00400	CONVERTED PH (STANDARD UNITS)	10/18/66-08/30/76	10	8.2	8.143	8.6	7.8	0.059	0.243	7.81	8.125	8.275	8.59
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/66-08/30/76	10	0.006	0.007	0.016	0.003	0.	0.004	0.003	0.006	0.008	0.016
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/22/68-09/27/76	3	101.	98.	103.	90.	49.	7.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/26/70-09/27/76	3	0.24	0.223	0.24	0.19	0.001	0.029	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/26/70-09/27/76	3	0.06	0.053	0.09	0.01	0.002	0.04	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	10/18/66-09/27/76	12	74.	76.417	100.	51.	248.083	15.751	53.7	62.75	89.5	99.4
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	10/18/66-09/27/76	12	22.5	23.333	30.	16.	18.788	4.334	16.6	20.25	26.75	29.7
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	10/18/66-09/27/76	12	4.15	4.35	6.3	2.4	1.672	1.293	2.55	3.25	5.4	6.24
00930	SODIUM, DISSOLVED (MG/L AS Na)	10/18/66-09/27/76	12	30.5	30.5	40.	19.	35.909	5.992	20.5	25.75	36.	39.1
00931	SODIUM ADSORPTION RATIO	10/17/67-09/27/76	12	1.5	1.508	1.7	1.2	0.019	0.138	1.26	1.425	1.6	1.7
00932	SODIUM, PERCENT	10/17/67-09/27/76	12	45.5	45.5	48.	43.	2.636	1.624	43.	44.25	47.	47.7
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/18/66-09/27/76	12	3.2	3.025	4.2	1.2	0.686	0.828	1.41	2.6	3.6	4.08
00940	CHLORIDE, TOTAL IN WATER MG/L	10/18/66-09/27/76	12	13.	13.083	19.	6.	13.72	3.704	6.9	10.5	15.75	18.7
00945	SULFATE, TOTAL (MG/L AS SO4)	10/18/66-09/27/76	12	23.5	26.5	39.	15.	59.	7.681	16.2	20.75	34.5	38.4
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/18/66-09/27/76	12	0.5	0.508	0.6	0.3	0.006	0.079	0.36	0.5	0.575	0.6
00955	SILICA, DISSOLVED (MG/L AS SiO2)	10/18/66-09/27/76	12	26.	23.	28.	14.	21.273	4.612	14.6	19.25	26.	27.4
01020	BORON, DISSOLVED (UG/L AS B)	10/18/66-09/27/76	8	410.	391.25	480.	210.	8526.786	92.341	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/18/66-09/19/74	12	0.95	0.942	1.7	0.3	0.175	0.419	0.3	0.7	1.175	1.64

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### Annual Analysis for 1974 - Station SAMO0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/17/67-08/30/76	8	13.5	13.938	21.	7.	31.46	5.609	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	11/15/66-09/27/76	8	655.	613.625	801.	324.	28905.696	170.017	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/18/66-09/27/76	3	280.	272.	296.	240.	832.	28.844	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/17/67-08/30/76	8	9.9	9.975	12.	8.	2.028	1.424	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	10/26/70-09/27/76	8	2.	2.25	3.8	1.5	0.474	0.689	**	**	**	**
00400	PH (STANDARD UNITS)	10/18/66-08/30/76	5	7.6	7.8	8.3	7.6	0.095	0.308	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/18/66-08/30/76	5	7.6	7.731	8.3	7.6	0.101	0.318	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/66-08/30/76	5	0.025	0.019	0.025	0.005	0.	0.009	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/22/68-09/27/76	8	90.5	90.25	100.	78.	56.5	7.517	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/26/70-09/27/76	8	0.24	0.23	0.32	0.16	0.004	0.067	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/26/70-09/27/76	8	0.035	0.036	0.07	0.01	0.	0.021	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	10/18/66-09/27/76	8	78.	73.5	84.	58.	96.	9.798	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	10/18/66-09/27/76	8	21.5	21.5	25.	18.	9.429	3.071	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/18/66-09/27/76	8	4.4	10.713	56.	3.4	335.273	18.31	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/18/66-09/27/76	8	28.5	28.75	35.	24.	10.214	3.196	**	**	**	**
00931	SODIUM ADSORPTION RATIO	10/17/67-09/27/76	8	1.45	1.413	1.9	0.7	0.11	0.331	**	**	**	**
00932	SODIUM, PERCENT	10/17/67-09/27/76	8	42.	39.125	52.	16.	111.268	10.548	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/18/66-09/27/76	8	3.3	12.438	29.	2.8	166.96	12.921	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/18/66-09/27/76	8	12.	11.75	16.	9.	4.786	2.188	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/18/66-09/27/76	8	21.	24.25	35.	18.	40.214	6.341	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/18/66-09/27/76	8	0.5	0.513	0.6	0.4	0.004	0.064	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	10/18/66-09/27/76	8	21.	20.25	24.	14.	15.071	3.882	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	10/18/66-09/27/76	8	300.	278.8	380.	0.4	14037.806	118.481	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/18/66-09/19/74	6	0.5	0.533	1.1	0.1	0.107	0.327	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1975 - Station SAMO0055

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/17/67-08/30/76	12	13.5	14.	22.	6.	42.364	6.509	6.	8.	21.5	22.
00060	FLOW, STREAM, MEAN DAILY CFS	11/15/66-09/27/76	12	661.5	651.25	775.	404.	10674.75	103.319	449.3	590.75	739.5	769.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/18/66-09/27/76	12	327.	316.417	394.	254.	1554.629	39.429	256.1	290.	338.	380.2
00300	OXYGEN, DISSOLVED MG/L	10/17/67-08/30/76	12	8.9	9.5	12.2	7.6	2.876	1.696	7.66	8.	11.35	12.08
00310	BOD, 5 DAY, 20 DEG C MG/L	10/26/70-09/27/76	12	1.7	2.008	3.9	0.6	1.33	1.153	0.63	1.	3.325	3.75
00400	PH (STANDARD UNITS)	10/18/66-08/30/76	4	8.15	8.225	8.6	8.	0.069	0.263	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/18/66-08/30/76	4	8.147	8.174	8.6	8.	0.073	0.269	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/66-08/30/76	4	0.007	0.007	0.01	0.003	0.	0.003	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/22/68-09/27/76	12	111.5	109.833	125.	88.	117.606	10.845	90.1	103.5	119.5	123.5
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/26/70-09/27/76	12	0.12	6.786	80.	0.08	531.602	23.057	0.08	0.12	0.16	56.057
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/26/70-09/27/76	12	0.04	0.043	0.06	0.03	0.	0.008	0.033	0.04	0.05	0.057
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	10/18/66-09/27/76	12	81.	80.75	94.	62.	93.659	9.678	63.2	75.25	87.5	93.4
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	10/18/66-09/27/76	12	24.5	23.833	26.	20.	5.242	2.29	20.	22.	26.	26.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/18/66-09/27/76	12	5.15	5.125	6.8	2.9	1.2	1.096	3.14	4.525	5.875	6.65
00930	SODIUM, DISSOLVED (MG/L AS Na)	10/18/66-09/27/76	12	30.	29.583	35.	25.	9.538	3.088	25.3	27.	32.5	34.4
00931	SODIUM ADSORPTION RATIO	10/17/67-09/27/76	12	1.45	1.45	1.6	1.3	0.01	0.1	1.3	1.4	1.5	1.6
00932	SODIUM, PERCENT	10/17/67-09/27/76	12	43.5	43.417	48.	40.	5.72	2.392	40.	42.	45.	47.4
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/18/66-09/27/76	12	3.	3.067	3.5	2.6	0.108	0.328	2.63	2.8	3.45	3.5
00940	CHLORIDE, TOTAL IN WATER MG/L	10/18/66-09/27/76	12	13.	12.917	15.	10.	3.356	1.832	10.	12.	15.	15.
00945	SULFATE, TOTAL (MG/L AS SO4)	10/18/66-09/27/76	12	21.	22.5	28.	18.	13.545	3.68	18.3	20.	26.75	28.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/18/66-09/27/76	12	0.6	0.567	0.6	0.5	0.002	0.049	0.5	0.5	0.6	0.6
00955	SILICA, DISSOLVED (MG/L AS SiO2)	10/18/66-09/27/76	12	23.	22.5	24.	19.	3.364	1.834	19.3	20.5	24.	24.
01020	BORON, DISSOLVED (UG/L AS B)	10/18/66-09/27/76	12	330.	324.167	380.	270.	771.97	27.784	276.	310.	340.	368.

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1976 - Station SAMO0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/17/67-08/30/76	8	14.	14.688	23.5	7.	44.924	6.703	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	11/15/66-09/27/76	8	635.	656.875	738.	598.	3714.125	60.944	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/18/66-09/27/76	9	324.	319.111	329.	295.	146.361	12.098	295.	311.	328.	329.
00300	OXYGEN, DISSOLVED MG/L	10/17/67-08/30/76	8	8.9	9.	10.4	7.6	1.463	1.209	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	10/26/70-09/27/76	9	1.5	1.478	2.5	0.6	0.319	0.565	0.6	1.05	1.8	2.5
00400	PH (STANDARD UNITS)	10/18/66-08/30/76	8	7.95	7.963	8.3	7.6	0.054	0.233	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/18/66-08/30/76	8	7.947	7.909	8.3	7.6	0.057	0.24	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/66-08/30/76	8	0.011	0.012	0.025	0.005	0.	0.007	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/22/68-09/27/76	9	115.	116.444	123.	110.	21.278	4.613	110.	112.5	120.	123.
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/26/70-09/27/76	9	0.12	0.137	0.26	0.05	0.004	0.06	0.05	0.1	0.16	0.26
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/26/70-09/27/76	9	0.07	0.071	0.15	0.03	0.001	0.038	0.03	0.04	0.09	0.15
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	10/18/66-09/27/76	9	84.	84.111	88.	80.	6.111	2.472	80.	82.	86.	88.
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	10/18/66-09/27/76	9	25.	24.778	26.	23.	0.694	0.833	23.	24.5	25.	26.
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	10/18/66-09/27/76	9	5.4	5.467	5.9	4.9	0.072	0.269	4.9	5.4	5.6	5.9
00930	SODIUM, DISSOLVED (MG/L AS Na)	10/18/66-09/27/76	9	32.	32.111	36.	27.	8.361	2.892	27.	30.	34.5	36.
00931	SODIUM ADSORPTION RATIO	10/17/67-09/27/76	9	1.5	1.533	1.7	1.3	0.023	0.15	1.3	1.4	1.7	1.7
00932	SODIUM, PERCENT	10/17/67-09/27/76	9	44.	44.111	47.	40.	5.361	2.315	40.	42.5	46.5	47.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/18/66-09/27/76	9	3.3	3.311	3.5	3.	0.029	0.169	3.	3.2	3.45	3.5
00940	CHLORIDE, TOTAL IN WATER MG/L	10/18/66-09/27/76	9	15.	15.	17.	13.	1.75	1.323	13.	14.	16.	17.
00945	SULFATE, TOTAL (MG/L AS SO4)	10/18/66-09/27/76	9	19.	19.444	23.	16.	6.278	2.506	16.	17.5	22.	23.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/18/66-09/27/76	9	0.5	0.533	0.6	0.5	0.002	0.05	0.5	0.5	0.6	0.6
00955	SILICA, DISSOLVED (MG/L AS SiO2)	10/18/66-09/27/76	9	22.	21.889	25.	19.	2.861	1.691	19.	21.	23.	25.
01020	BORON, DISSOLVED (UG/L AS B)	10/18/66-09/27/76	9	390.	393.333	450.	340.	1450.	38.079	340.	360.	425.	450.

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #1: 6/01 to 10/31 - Station SAMO0055

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	41	22.	21.168	26.1	15.	6.202	2.49	17.6	19.7	23.	23.98
00060	FLOW, STREAM, MEAN DAILY CFS	43	695.	658.953	816.	300.	14307.188	119.613	495.8	545.	755.	777.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	42	320.	313.048	408.	204.	1500.339	38.734	256.1	290.5	329.75	357.4
00300	OXYGEN, DISSOLVED MG/L	42	8.5	8.662	11.2	7.6	0.514	0.717	7.86	8.	9.05	9.6
00400	PH (STANDARD UNITS)	35	8.2	8.197	8.5	7.6	0.036	0.189	7.9	8.1	8.3	8.4
00400	CONVERTED PH (STANDARD UNITS)	35	8.2	8.15	8.5	7.6	0.038	0.195	7.9	8.1	8.3	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	35	0.006	0.007	0.025	0.003	0.	0.004	0.004	0.005	0.008	0.013
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	23	105.	102.261	123.	60.	308.656	17.569	73.2	88.	118.	120.
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	44	80.5	78.955	105.	51.	146.556	12.106	62.	70.	85.	94.
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	44	24.	23.159	29.	16.	8.881	2.98	18.5	21.	25.	26.
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	44	5.1	6.275	56.	2.4	60.729	7.793	3.3	4.175	6.	7.65
00930	SODIUM, DISSOLVED (MG/L AS Na)	44	32.5	31.841	49.	19.	26.974	5.194	25.	28.	35.	37.
00931	SODIUM ADSORPTION RATIO	43	1.6	1.549	2.3	0.7	0.048	0.219	1.34	1.5	1.6	1.7
00932	SODIUM, PERCENT	43	46.	44.349	53.	16.	28.137	5.304	40.8	43.	47.	47.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	44	3.75	5.259	29.	1.2	39.321	6.271	2.75	3.5	4.	5.
00940	CHLORIDE, TOTAL IN WATER MG/L	44	14.	13.909	24.	6.	10.178	3.19	9.5	12.	16.	17.
00945	SULFATE, TOTAL (MG/L AS SO4)	44	23.5	24.841	45.	16.	40.788	6.387	18.5	20.	28.	34.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	44	0.58	0.631	5.	0.3	0.464	0.681	0.4	0.5	0.6	0.6
00955	SILICA, DISSOLVED (MG/L AS SiO2)	44	21.	20.659	26.	14.	9.16	3.027	16.	19.	23.	24.
01020	BORON, DISSOLVED (UG/L AS B)	42	445.	425.476	720.	210.	9849.768	99.246	290.	337.5	500.	520.
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	35	0.7	0.794	2.2	0.1	0.166	0.408	0.36	0.5	1.	1.24

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #2: 11/01 to 2/29 - Station SAMO0055

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	35	9.	9.383	15.6	5.6	7.115	2.667	6.6	7.	11.	14.
00060	FLOW, STREAM, MEAN DAILY CFS	39	541.	529.385	772.	323.	13983.243	118.251	357.	440.	598.	712.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	35	330.	330.514	400.	240.	917.316	30.287	295.6	310.	345.	377.6
00300	OXYGEN, DISSOLVED MG/L	35	11.6	11.083	13.4	6.6	1.907	1.381	9.08	10.2	12.	12.48
00400	PH (STANDARD UNITS)	36	8.2	8.15	8.9	7.6	0.082	0.286	7.67	8.	8.3	8.5
00400	CONVERTED PH (STANDARD UNITS)	36	8.2	8.058	8.9	7.6	0.091	0.301	7.67	8.	8.3	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	36	0.006	0.009	0.025	0.001	0.	0.006	0.003	0.005	0.01	0.022
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	20	103.	101.9	135.	74.	176.095	13.27	87.1	91.5	110.	114.8
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	39	85.	84.872	103.	72.	42.43	6.514	76.	80.	88.	93.
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	39	25.	24.59	29.	22.	2.722	1.65	22.	24.	26.	27.
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	39	5.4	5.723	8.	3.9	1.163	1.079	4.4	4.9	6.	7.3
00930	SODIUM, DISSOLVED (MG/L AS Na)	39	32.	32.846	42.	26.	11.502	3.391	29.	30.	36.	37.
00931	SODIUM ADSORPTION RATIO	36	1.5	1.553	1.8	1.3	0.014	0.118	1.4	1.5	1.675	1.7
00932	SODIUM, PERCENT	36	44.	44.194	47.	40.	3.247	1.802	42.	43.	46.	47.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	39	3.5	3.564	5.	2.6	0.287	0.536	2.9	3.2	4.	4.
00940	CHLORIDE, TOTAL IN WATER MG/L	39	14.	14.128	18.	12.	2.957	1.72	12.	13.	15.	16.
00945	SULFATE, TOTAL (MG/L AS SO4)	39	28.	28.718	57.	15.	75.524	8.69	18.	23.	33.	37.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	39	0.5	0.513	0.7	0.4	0.005	0.07	0.4	0.5	0.6	0.6
00955	SILICA, DISSOLVED (MG/L AS SiO2)	39	22.	22.231	28.	18.	6.182	2.486	19.	20.	24.	26.
01020	BORON, DISSOLVED (UG/L AS B)	37	400.	427.838	720.	290.	11522.973	107.345	310.	340.	485.	616.
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	31	0.6	0.813	3.3	0.1	0.36	0.6	0.22	0.4	1.1	1.36

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #3: 3/01 to 5/31 - Station SAMO0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/17/67-08/30/76	24	13.	13.246	19.	7.8	10.313	3.211	9.	10.15	16.	18.15
00060	FLOW, STREAM, MEAN DAILY CFS	11/15/66-09/27/76	25	539.	544.4	731.	164.	16369.083	127.942	382.4	485.5	644.5	693.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/18/66-09/27/76	25	360.	387.12	635.	319.	6067.527	77.894	326.	335.5	412.	535.8
00300	OXYGEN, DISSOLVED MG/L	10/17/67-08/30/76	25	10.2	10.284	12.	7.8	1.011	1.006	8.8	9.8	11.1	11.68
00400	PH (STANDARD UNITS)	10/18/66-08/30/76	23	8.2	8.191	8.7	7.6	0.094	0.306	7.68	7.9	8.3	8.6
00400	CONVERTED PH (STANDARD UNITS)	10/18/66-08/30/76	23	8.2	8.083	8.7	7.6	0.106	0.325	7.68	7.9	8.3	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/66-08/30/76	23	0.006	0.008	0.025	0.002	0.	0.007	0.003	0.005	0.013	0.021
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/22/68-09/27/76	13	118.	114.538	127.	85.	122.936	11.088	91.4	111.5	120.	126.2
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	10/18/66-09/27/76	26	90.	93.	118.	81.	84.4	9.187	84.4	86.	100.	108.
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	10/18/66-09/27/76	26	26.	26.462	30.	20.	5.058	2.249	25.	25.	28.25	30.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/18/66-09/27/76	26	6.05	6.469	11.	4.1	1.837	1.356	5.07	5.6	7.	8.
00930	SODIUM, DISSOLVED (MG/L AS Na)	10/18/66-09/27/76	26	38.	42.077	88.	30.	185.914	13.635	30.7	33.75	44.	69.2
00931	SODIUM ADSORPTION RATIO	10/17/67-09/27/76	25	1.7	1.888	3.7	1.4	0.316	0.562	1.4	1.55	1.9	3.04
00932	SODIUM, PERCENT	10/17/67-09/27/76	25	46.	47.4	62.	40.	28.5	5.339	42.	44.	49.5	58.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/18/66-09/27/76	26	3.75	4.142	8.	2.8	1.496	1.223	3.17	3.3	4.375	6.3
00940	CHLORIDE, TOTAL IN WATER MG/L	10/18/66-09/27/76	26	16.5	19.346	47.	13.	61.515	7.843	15.	15.	19.25	35.3
00945	SULFATE, TOTAL (MG/L AS SO4)	10/18/66-09/27/76	26	32.5	36.731	113.	21.	372.605	19.303	21.7	27.5	37.5	61.3
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/18/66-09/27/76	26	0.6	0.604	1.	0.5	0.015	0.122	0.5	0.5	0.6	0.76
00955	SILICA, DISSOLVED (MG/L AS SiO2)	10/18/66-09/27/76	26	23.	23.462	28.	19.	3.698	1.923	20.7	23.	24.	26.3
01020	BORON, DISSOLVED (UG/L AS B)	10/18/66-09/27/76	25	450.	482.016	890.	0.4	35017.273	187.129	326.	380.	525.	830.
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/18/66-09/19/74	20	0.85	0.775	2.1	0.2	0.184	0.429	0.3	0.425	1.	1.09

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

## Station Inventory for Station: SAMO0056

NPS Station ID: SAMO0056 Location: UNNAMED TRIB TO SIMI C A SPRR CUL Station Type: /TYPA/AMBNT/STREAM RMI-Indexes: RMI-Miles: HUC: 18070103 Major Basin: LOS ANGELES AREA Minor Basin: CALLEGUAS-CONEJO CREEKS RF1 Index: 18070103 RF3 Index: 18070103000613.89 Description: SURFACE WATER STATION; DATA MANAGER CODE: 3; AREAL CODE: ; BEGINNING OF RECORD: . ; ELEVATION: 1350 ; STATION NAME: UNNAMED TRIB TO SIMI C A SPRR CUL; DWR COUNTY CODE: 56; LATITUDE: 341540; LONGITUDE: 1183948; CALIFORNIA COORDINATES:	LAT/LON: 34.261116/-118.663337          Depth of Water: 0 Elevation: 0  RF1 Mile Point: 0.000 RF3 Mile Point: 14.03	Agency: 21CAL-1 FIPS State/County: 06111 CALIFORNIA/VENTURA STORET Station ID(s): Z4175050 /4036713 Within Park Boundary: No  Aquifer: Water Body Id: ECO Region: Distance from RF1: 0.00 Distance from RF3: 0.01	Date Created: 08/27/76          On/Off RF1: On/Off RF3:
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### Parameter Inventory for Station: SAMO0056

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	03/23/64-03/23/64	1	52.	52.	52.	52.	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	03/23/64-03/23/64	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/23/64-03/23/64	1	154.	154.	154.	154.	0.	0.	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	03/23/64-03/23/64	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	03/23/64-03/23/64	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/23/64-03/23/64	1	0.158	0.158	0.158	0.158	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	03/23/64-03/23/64	1	52.	52.	52.	52.	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	03/23/64-03/23/64	1	49.	49.	49.	49.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	03/23/64-03/23/64	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	03/23/64-03/23/64	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	03/23/64-03/23/64	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	03/23/64-03/23/64	1	3.7	3.7	3.7	3.7	0.	0.	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	03/23/64-03/23/64	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	03/23/64-03/23/64	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	03/23/64-03/23/64	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	03/23/64-03/23/64	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	03/23/64-03/23/64	1	110.	110.	110.	110.	0.	0.	**	**	**	**
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/23/64-03/23/64	1	112.	112.	112.	112.	0.	0.	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	03/23/64-03/23/64	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0056

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403 PH, LAB	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
	Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### EPA Water Quality Criteria Analysis for Station: SAMO0056

Parameter	Std. Type	Std. Value	Total			-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
			Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00941 CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
	Drinking Water	250.	1	0	0.00							1	0	0.00			
00946 SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
	Drinking Water	4.	1	0	0.00							1	0	0.00			
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00							1	0	0.00			
71851 NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



## Station Inventory for Station: SAMO0057

NPS Station ID: SAMO0057  
 Location: MOUTH OF MALIBU CREEK @ MALIBU  
 Station Type: /TYPA/AMBNT/FISH/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070104  
 Major Basin:  
 Minor Basin:  
 RF1 Index: 18070104  
 RF3 Index: 18070104001401.81  
 Description:

LAT/LON: 34.029170/-118.679171

Depth of Water: 0  
 Elevation: 0  
 RF1 Mile Point: 0.000  
 RF3 Mile Point: 2.45

Agency: 11BIOACC  
 FIPS State/County: 06037 CALIFORNIA/LOS ANGELES  
 STORET Station ID(s): 3451  
 Within Park Boundary: No

Date Created: 05/09/92

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 1.50  
 Distance from RF3: 0.00

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: SAMO0057

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
30344 PENTACHLORODIBENZO-P-DIOXIN,12378,FISH,WET WT,PG/G	05/18/88-05/18/88	2 ##	0.805	0.805	0.87	0.74	0.008	0.092	**	**	**	**
30345 HEXACHLORODIBENZO-P-DIOXIN,123478,FISH,WET WT,PG/G	05/18/88-05/18/88	2 ##	1.235	1.235	1.235	1.235	0.	0.	**	**	**	**
30346 HEXACHLORODIBENZO-P-DIOXIN,123678,FISH,WET WT,PG/G	05/18/88-05/18/88	2 ##	0.925	0.925	0.925	0.925	0.	0.	**	**	**	**
30347 HEXACHLORODIBENZO-P-DIOXIN,123789,FISH,WET WT,PG/G	05/18/88-05/18/88	2 ##	0.69	0.69	0.69	0.69	0.	0.	**	**	**	**
30348 HEPTACHLORODIBENZO-P-DIOXIN,1234678,TIS,WETWT,PG/G	05/18/88-05/18/88	2 ##	0.63	0.63	0.63	0.63	0.	0.	**	**	**	**
30349 TETRACHLORODIBENZOFURAN, 2378- , FISH,WET WT.,PG/G	05/18/88-05/18/88	2 ##	0.28	0.28	0.285	0.275	0.	0.007	**	**	**	**
30350 PENTACHLORODIBENZOFURAN,12378- , FISH,WET WT.,PG/G	05/18/88-05/18/88	2 ##	0.488	0.488	0.51	0.465	0.001	0.032	**	**	**	**
30351 PENTACHLORODIBENZOFURAN,23478- , FISH,WET WT.,PG/G	05/18/88-05/18/88	2 ##	0.495	0.495	0.51	0.48	0.	0.021	**	**	**	**
30352 HEXACHLORODIBENZOFURAN,123478- , FISH,WET WT.,PG/G	05/18/88-05/18/88	2 ##	1.42	1.42	1.42	1.42	0.	0.	**	**	**	**
30353 HEXACHLORODIBENZOFURAN,123678- , FISH,WET WT.,PG/G	05/18/88-05/18/88	2 ##	1.425	1.425	1.425	1.425	0.	0.	**	**	**	**
30354 HEXACHLORODIBENZOFURAN,123789- , FISH,WET WT.,PG/G	05/18/88-05/18/88	2 ##	1.39	1.39	1.39	1.39	0.	0.	**	**	**	**
30355 HEXACHLORODIBENZOFURAN,234678- , FISH,WET WT.,PG/G	05/18/88-05/18/88	2 ##	0.98	0.98	0.98	0.98	0.	0.	**	**	**	**
30356 HEPTACHLORODIBENZOFURAN,1234678- , FISH,WET WT,PG/G	05/18/88-05/18/88	2 ##	0.725	0.725	0.725	0.725	0.	0.	**	**	**	**
30357 HEPTACHLORODIBENZOFURAN,1234789- , FISH,WET WT,PG/G	05/18/88-05/18/88	2 ##	1.31	1.31	1.31	1.31	0.	0.	**	**	**	**
34754 2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN TISWETWTPG/G	05/18/88-05/18/88	2	1.575	1.575	1.93	1.22	0.252	0.502	**	**	**	**
70977 INSTRUMENT RATIO, LAB/FIELD CONCENTRATIONS, NUMBER	05/18/88-05/18/88	2	1.575	1.575	1.93	1.22	0.252	0.502	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

\*\*\*\*\* No EPA Water Quality Criteria exist to compare against the data at this station. \*\*\*\*\*

Station Inventory for Station: SAMO0058

NPS Station ID: SAMO0058  
Location: MALIBU CREEK @ PACIFIC COAST HWY  
Station Type: /TYPA/AMBNT/STREAM  
RMI-Indexes:  
HUC:  
Major Basin: SANTA MONICA BAY  
Minor Basin: MALIBU BEACH QUADRANGLE  
RF1 Index:  
RF3 Index: 18070104001202.73  
Description:

LAT/LON: 34.034726/-118.681393  
  
  
  
  
  
  
  
  
  
Depth of Water: 999  
Elevation: 0  
  
RF1 Mile Point: 0.000  
RF3 Mile Point: 3.99

Agency: 21CALAFD  
FIPS State/County: 06037 CALIFORNIA/  
STORET Station ID(s): MALPAC /TG 114B5C3 1  
Within Park Boundary: Yes  
  
  
Aquifer:  
Water Body Id:  
ECO Region:  
Distance from RF1: 0.00  
Distance from RF3: 0.01

Date Created: 06/11/76  
  
  
  
  
  
  
  
  
  
On/Off RF1:  
On/Off RF3:

Parameter Inventory for Station: SAMO0058

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
***** No Parameter Data Available for this Station *****												

## Station Inventory for Station: SAMO0059

NPS Station ID: SAMO0059  
 Location: MALIBU LAGOON A MALIBU BCH CA  
 Station Type: /TYPA/AMBNT/ESTURY  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070104  
 Major Basin:  
 Minor Basin:  
 RF1 Index: 18070104  
 RF3 Index: 18070104001202.73  
 Description:

LAT/LON: 34.034726/-118.681393

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 3.99

Agency: 112WRD  
 FIPS State/County: 06037 CALIFORNIA/LOS ANGELES  
 STORET Station ID(s): 340205118405301  
 Within Park Boundary: Yes

Date Created: 02/27/82

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 2.30  
 Distance from RF3: 0.01

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: SAMO0059

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/01/82-08/04/88	5	20.4	19.18	25.	12.	28.762	5.363	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	03/18/82-08/04/88	3	760.	763.333	770.	760.	33.333	5.774	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/18/82-03/18/82	1	130.	130.	130.	130.	0.	0.	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/01/82-01/01/82	1	8.9	8.9	8.9	8.9	0.	0.	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/01/82-08/04/88	5	4190.	5030.	10000.	1120.	10699900.	3271.07	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/01/82-08/04/88	4	9.25	8.95	11.5	5.8	5.91	2.431	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/18/82-07/28/82	2	82.5	82.5	93.	72.	220.5	14.849	**	**	**
00400	PH (STANDARD UNITS)	01/01/82-08/04/88	3	8.	8.067	8.2	8.	0.013	0.115	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/01/82-08/04/88	3	8.	8.057	8.2	8.	0.013	0.116	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/01/82-08/04/88	3	0.01	0.009	0.01	0.006	0.	0.002	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/01/82-08/04/88	4	8.	8.	8.3	7.7	0.067	0.258	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	01/01/82-08/04/88	4	7.989	7.944	8.3	7.7	0.071	0.266	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/01/82-08/04/88	4	0.01	0.011	0.02	0.005	0.	0.007	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	01/01/82-03/18/82	2	3.05	3.05	4.	2.1	1.805	1.344	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/04/88-08/04/88	1	249.	249.	249.	249.	0.	0.	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/01/82-07/28/82	3	2.2	3.2	5.6	1.8	4.36	2.088	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/01/82-07/28/82	3	1.5	2.437	5.2	0.61	5.925	2.434	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/01/82-07/28/82	3	0.5	0.8	1.7	0.2	0.63	0.794	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	01/01/82-07/28/82	3	870.	963.333	1600.	420.	354633.333	595.511	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	01/01/82-07/28/82	3	660.	736.667	1300.	250.	280033.333	529.182	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	01/01/82-08/04/88	4	165.	151.5	190.	86.	2195.667	46.858	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/01/82-08/04/88	4	130.	145.	270.	50.	8433.333	91.833	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	01/01/82-08/04/88	4	535.	714.5	1700.	88.	476867.667	690.556	**	**	**
00931	SODIUM ADSORPTION RATIO	01/01/82-07/28/82	3	8.	9.667	19.	2.	74.333	8.622	**	**	**
00932	SODIUM, PERCENT	01/01/82-07/28/82	3	55.	51.667	69.	31.	369.333	19.218	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/01/82-08/04/88	4	17.	24.8	61.	4.2	621.493	24.93	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/01/82-08/04/88	4	855.	1247.75	3200.	81.	1827446.917	1351.831	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	01/01/82-08/04/88	4	625.	607.5	850.	330.	45491.667	213.288	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/01/82-08/04/88	4	0.35	0.375	0.5	0.3	0.009	0.096	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	01/01/82-08/04/88	4	23.5	23.25	26.	20.	10.25	3.202	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	07/28/82-08/04/88	2	3.	3.	4.	2.	2.	1.414	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	12/01/81-04/07/82	2	3.5	3.5	4.	3.	0.5	0.707	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	01/01/82-08/04/88	4	660.	702.5	1200.	290.	140691.667	375.089	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	01/01/82-08/04/88	3 ##	15.	13.333	20.	5.	58.333	7.638	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/01/81-07/28/82	3	2.	4.333	10.	1.	24.333	4.933	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/28/82-08/04/88	2	6.	6.	10.	2.	32.	5.657	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/28/82-08/04/88	2 ##	17.5	17.5	30.	5.	312.5	17.678	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	12/01/81-07/28/82	3	15.	15.667	20.	12.	16.333	4.041	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

# Parameter Inventory for Station: SAMO0059

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01045 IRON, TOTAL (UG/L AS FE)	01/01/82-01/01/82	1	660.	660.	660.	660.	0.	0.	**	**	**	**
01046 IRON, DISSOLVED (UG/L AS FE)	01/01/82-08/04/88	4	35.	31.5	46.	10.	249.	15.78	**	**	**	**
01051 LEAD, TOTAL (UG/L AS PB)	01/01/82-08/04/88	3 ##	50.	66.667	100.	50.	833.333	28.868	**	**	**	**
01052 LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	12/01/81-07/28/82	3	10.	23.333	50.	10.	533.333	23.094	**	**	**	**
01067 NICKEL, TOTAL (UG/L AS NI)	07/28/82-07/28/82	1	200.	200.	200.	200.	0.	0.	**	**	**	**
01068 NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	04/07/82-07/28/82	2 ##	40.	40.	50.	30.	200.	14.142	**	**	**	**
01092 ZINC, TOTAL (UG/L AS ZN)	01/01/82-08/04/88	3	40.	31.667	50.	5.	558.333	23.629	**	**	**	**
01093 ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	12/01/81-07/28/82	3	28.	29.333	33.	27.	10.333	3.215	**	**	**	**
01147 SELENIUM, TOTAL (UG/L AS SE)	07/28/82-08/04/88	2	3.	3.	4.	2.	2.	1.414	**	**	**	**
01148 SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	12/01/81-07/28/82	3 ##	0.5	1.333	3.	0.5	2.083	1.443	**	**	**	**
01170 IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	12/01/81-12/01/81	1	11000.	11000.	11000.	11000.	0.	0.	**	**	**	**
31625 FECAL COLIFORM, MF,M-FC, 0.7 UM	01/01/82-07/28/82	3	830.	20463.333	60000.	560.	1172379233.333	34240.024	**	**	**	**
31625 LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	01/01/82-07/28/82	3	2.919	3.482	4.778	2.748	1.268	1.126	**	**	**	**
31625 GM FECAL COLIFORM, MF,M-FC, 0.7 UM	01/01/82-07/28/82	3	4600.	12366.667	31000.	1500.	262803333.333	16211.21	**	**	**	**
31673 LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	01/01/82-07/28/82	3	3.663	3.777	4.491	3.176	0.442	0.665	**	**	**	**
31673 GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	01/01/82-08/04/88	4 ##	0.025	0.025	0.05	0.	0.001	0.029	**	**	**	**
39024 PROPAGINE, COULSON CONDUCTIVITY, WATER SAMPL(UG/L)	08/04/88-08/04/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39030 TREFLAN, MICROCOULOMETRIC, WATER SAMPLE (UG/L)	01/01/82-08/04/88	4 ##	0.025	0.025	0.05	0.	0.001	0.029	**	**	**	**
39054 SIMETRYNE IN WHOLE WATER (UG/L)	01/01/82-08/04/88	4	0.45	0.738	2.	0.05	0.786	0.886	**	**	**	**
39055 SIMAZINE IN WHOLE WATER (UG/L)	01/01/82-08/04/88	4 ##	0.025	0.025	0.05	0.	0.001	0.029	**	**	**	**
39056 PROMETONE IN WHOLE WATER (UG/L)	01/01/82-08/04/88	4 ##	0.025	0.025	0.05	0.	0.001	0.029	**	**	**	**
39057 PROMETRYNE IN WHOLE WATER (UG/L)	01/01/82-08/04/88	4 ##	0.025	0.025	0.05	0.	0.001	0.029	**	**	**	**
39251 PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	07/28/82-08/04/88	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39333 ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/28/82-08/04/88	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39343 GAMMA-BHC(LINDANE), SEDIMENTS, DRY WGT, UG/KG	07/28/82-08/04/88	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39351 CHLORDANE (TECH MIX&METABS), SEDIMENTS, DRY WGT, UG/KG	07/28/82-08/04/88	2	9.5	9.5	13.	6.	24.5	4.95	**	**	**	**
39363 DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/28/82-08/04/88	2 ##	0.775	0.775	1.5	0.05	1.051	1.025	**	**	**	**
39368 DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/28/82-08/04/88	2	1.95	1.95	2.	1.9	0.005	0.071	**	**	**	**
39373 DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/28/82-08/04/88	2 ##	0.075	0.075	0.1	0.05	0.001	0.035	**	**	**	**
39383 DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	07/28/82-08/04/88	2	0.35	0.35	0.6	0.1	0.125	0.354	**	**	**	**
39389 ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	07/28/82-08/04/88	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39393 ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/28/82-08/04/88	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39398 ETHION IN WHOLE WATER SAMPLE (UG/L)	08/04/88-08/04/88	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39403 TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	07/28/82-08/04/88	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39413 HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	07/28/82-08/04/88	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39423 HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	07/28/82-08/04/88	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39481 METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	07/28/82-08/04/88	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39519 PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	07/28/82-08/04/88	2 ##	2.25	2.25	4.	0.5	6.125	2.475	**	**	**	**
39530 MALATHION IN WHOLE WATER SAMPLE (UG/L)	08/04/88-08/04/88	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39540 PARATHION IN WHOLE WATER SAMPLE (UG/L)	08/04/88-08/04/88	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39570 DIAZINON IN WHOLE WATER SAMPLE (UG/L)	08/04/88-08/04/88	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39600 METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	08/04/88-08/04/88	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39630 ATRAZINE (AATREX) IN WHOLE WATER SAMPLE (UG/L)	01/01/82-08/04/88	4 ##	0.225	0.675	2.2	0.05	1.061	1.03	**	**	**	**
39758 MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	07/28/82-08/04/88	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39786 TRITHION IN WHOLE WATER SAMPLE (UG/L)	08/04/88-08/04/88	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39790 METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	08/04/88-08/04/88	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
70300 RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	01/01/82-08/04/88	4	2605.	3129.25	6500.	807.	5768975.583	2401.869	**	**	**	**
70301 SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	01/01/82-07/28/82	3	2400.	3220.	6500.	760.	8741200.	2956.552	**	**	**	**
70303 SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/01/82-07/28/82	3	3.5	4.467	8.8	1.1	15.523	3.94	**	**	**	**
71900 MERCURY, TOTAL (UG/L AS HG)	07/28/82-08/04/88	2 ##	0.075	0.075	0.1	0.05	0.001	0.035	**	**	**	**
71921 MERCURY, TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	12/01/81-07/28/82	3	0.04	0.09	0.2	0.03	0.009	0.095	**	**	**	**
77825 ALACHLOR WHOLE WATER, UG/L	08/04/88-08/04/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
81757 CYANAZINE IN THE WHOLE WATER SAMPLE UG/L	01/01/82-08/04/88	4 ##	0.025	0.025	0.05	0.	0.001	0.029	**	**	**	**
81886 PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	07/28/82-08/04/88	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82184 AMETRYNE (GESAPAX OR EVIK) TOTAL UG/L	01/01/82-08/04/88	4 ##	0.025	0.025	0.05	0.	0.001	0.029	**	**	**	**
82185 ATRATON (GESTAMIN) TOTAL UG/L	01/01/82-07/28/82	3	0.	0.017	0.05	0.	0.001	0.029	**	**	**	**
82187 CYPRAZINE TOTAL UG/L	01/01/82-07/28/82	3	0.	0.017	0.05	0.	0.001	0.029	**	**	**	**
82188 SIMETONE TOTAL UG/L	01/01/82-07/28/82	3	0.	0.017	0.05	0.	0.001	0.029	**	**	**	**
82611 METRIBUZIN, WHOLE WATER, TOTAL RECOVERABLE UG/L	08/04/88-08/04/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
82612 METOLACHLOR, WHOLE WATER, TOTAL RECOVERABLE UG/L	08/04/88-08/04/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0059

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	50.	1	0	0.00				1	0	0.00						
00300	OXYGEN, DISSOLVED	4.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
00400	PH	9.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		6.5	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
00403	PH, LAB	9.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
		6.5	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
01002	ARSENIC, TOTAL	69.	2	0	0.00	2	0	0.00									
01027	CADMIUM, TOTAL	43.	3	0	0.00	2	0	0.00	1	0	0.00						
01042	COPPER, TOTAL	2.9	1 &	1	1.00	1	1	1.00									
01051	LEAD, TOTAL	220.	3	0	0.00	2	0	0.00	1	0	0.00						
01067	NICKEL, TOTAL	75.	1	1	1.00	1	1	1.00									
01092	ZINC, TOTAL	95.	3	0	0.00	2	0	0.00	1	0	0.00						
01147	SELENIUM, TOTAL	300.	2	0	0.00	2	0	0.00									
31625	FECAL COLIFORM, MF	200.	3	3	1.00	1	1	1.00	1	1	1.00	1	1	1.00			
71900	MERCURY, TOTAL	2.1	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0060

NPS Station ID: SAMO0060  
 Location: MALIBU CREEK @ CROSS CREEK ROAD  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070104  
 Major Basin: CALIFORNIA  
 Minor Basin: LOS ANGELES RIVER  
 RF1 Index: 18070104  
 RF3 Index: 18070104003100.00  
 Description:

LAT/LON: 34.043059/-118.683060

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 0.46

Agency: 21CAL-4  
 FIPS State/County: 06037 CALIFORNIA/LOS ANGELES  
 STORET Station ID(s): WB0440235184059  
 Within Park Boundary: Yes

Date Created: 08/29/87

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 16.40  
 Distance from RF3: 0.26

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: SAMO0060

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00341 COD, DISSOLVED, .25N K2CR2O7 MG/L	12/15/86-12/15/86	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CACO3)	12/15/86-12/15/86	1	178.	178.	178.	178.	0.	0.	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	12/15/86-12/15/86	1	178.	178.	178.	178.	0.	0.	**	**	**	**
00445 CARBONATE ION (MG/L AS CO3)	12/15/86-12/15/86	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CACO3)	12/15/86-12/15/86	1	570.	570.	570.	570.	0.	0.	**	**	**	**
00918 CALCIUM,TOTAL RECOVERABLE IN WATER AS CA MG/L	12/15/86-12/15/86	1	117.	117.	117.	117.	0.	0.	**	**	**	**
00921 MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	12/15/86-12/15/86	1	68.	68.	68.	68.	0.	0.	**	**	**	**
00923 SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	12/15/86-12/15/86	1	144.	144.	144.	144.	0.	0.	**	**	**	**
00939 POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	12/15/86-12/15/86	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00940 CHLORIDE,TOTAL IN WATER MG/L	12/15/86-12/15/86	1	127.	127.	127.	127.	0.	0.	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	12/15/86-12/15/86	1	406.	406.	406.	406.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	12/15/86-12/15/86	1	0.32	0.32	0.32	0.32	0.	0.	**	**	**	**
00980 IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	12/15/86-12/15/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00999 BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	12/15/86-12/15/86	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
01032 CHROMIUM, HEXAVALENT (UG/L AS CR)	12/15/86-12/15/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01123 MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	12/15/86-12/15/86	1 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
01291 CYANIDE, FILTERABLE, TOTAL IN WATER UG/L	12/15/86-12/15/86	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
32101 BROMODICHLOROMETHANE, WHOLE WATER,UG/L	12/15/86-12/15/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
32102 CARBON TETRACHLORIDE,WHOLE WATER,UG/L	12/15/86-12/15/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
32104 BROMOFORM,WHOLE WATER,UG/L	12/15/86-12/15/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
32105 DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	12/15/86-12/15/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
32106 CHLOROFORM,WHOLE WATER,UG/L	12/15/86-12/15/86	1	1.	1.	1.	1.	0.	0.	**	**	**	**
34010 TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	12/15/86-12/15/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34030 BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	12/15/86-12/15/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34200 ACENAPHTHYLENE TOTWUG/L	12/15/86-12/15/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34205 ACENAPHTHENE TOTWUG/L	12/15/86-12/15/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34220 ANTHRACENE TOTWUG/L	12/15/86-12/15/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34230 BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	12/15/86-12/15/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34242 BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	12/15/86-12/15/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34247 BENZO-A-PYRENE TOTWUG/L	12/15/86-12/15/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34259 DELTA BENZENE HEXACHLORIDE TOTWUG/L	12/15/86-12/15/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34273 BIS (2-CHLOROETHYL) ETHER TOTWUG/L	12/15/86-12/15/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34278 BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	12/15/86-12/15/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34283 BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	12/15/86-12/15/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34292 N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	12/15/86-12/15/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34301 CHLOROBENZENE TOTWUG/L	12/15/86-12/15/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34311 CHLOROETHANE TOTWUG/L	12/15/86-12/15/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34320 CHRYSENE TOTWUG/L	12/15/86-12/15/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

# Parameter Inventory for Station: SAMO0060

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34336	DIETHYL PHTHALATE TOTWUG/L	12/15/86-12/15/86	1	4.8	4.8	4.8	4.8	0.	0.	**	**	**	**
34341	DIMETHYL PHTHALATE TOTWUG/L	12/15/86-12/15/86	1###	1.	1.	1.	1.	0.	0.	**	**	**	**
34351	ENDOSULFAN SULFATE TOTWUG/L	12/15/86-12/15/86	1###	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34356	ENDOSULFAN, BETA TOTWUG/L	12/15/86-12/15/86	1###	1.	1.	1.	1.	0.	0.	**	**	**	**
34361	ENDOSULFAN, ALPHA TOTWUG/L	12/15/86-12/15/86	1###	1.	1.	1.	1.	0.	0.	**	**	**	**
34366	ENDRIN ALDEHYDE TOTWUG/L	12/15/86-12/15/86	1###	1.	1.	1.	1.	0.	0.	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	12/15/86-12/15/86	1###	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34376	FLUORANTHENE TOTWUG/L	12/15/86-12/15/86	1###	1.	1.	1.	1.	0.	0.	**	**	**	**
34381	FLUORENE TOTWUG/L	12/15/86-12/15/86	1###	1.	1.	1.	1.	0.	0.	**	**	**	**
34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	12/15/86-12/15/86	1###	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34391	HEXACHLOROBUTADIENE TOTWUG/L	12/15/86-12/15/86	1###	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34396	HEXACHLOROETHANE TOTWUG/L	12/15/86-12/15/86	1###	1.	1.	1.	1.	0.	0.	**	**	**	**
34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	12/15/86-12/15/86	1###	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34408	ISOPHORONE TOTWUG/L	12/15/86-12/15/86	1###	1.	1.	1.	1.	0.	0.	**	**	**	**
34413	METHYL BROMIDE TOTWUG/L	12/15/86-12/15/86	1###	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34418	METHYL CHLORIDE TOTWUG/L	12/15/86-12/15/86	1###	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	12/15/86-12/15/86	1###	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	12/15/86-12/15/86	1###	1.	1.	1.	1.	0.	0.	**	**	**	**
34433	N-NITROSODIPHENYLAMINE TOTWUG/L	12/15/86-12/15/86	1###	1.	1.	1.	1.	0.	0.	**	**	**	**
34447	NITROBENZENE TOTWUG/L	12/15/86-12/15/86	1###	1.	1.	1.	1.	0.	0.	**	**	**	**
34452	PARACHLOROMETA CRESOL TOTWUG/L	12/15/86-12/15/86	1###	1.	1.	1.	1.	0.	0.	**	**	**	**
34461	PHENANTHRENE TOTWUG/L	12/15/86-12/15/86	1###	1.	1.	1.	1.	0.	0.	**	**	**	**
34469	PYRENE TOTWUG/L	12/15/86-12/15/86	1###	1.	1.	1.	1.	0.	0.	**	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	12/15/86-12/15/86	1###	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	12/15/86-12/15/86	1###	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34496	1,1-DICHLOROETHANE TOTWUG/L	12/15/86-12/15/86	1###	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34501	1,1-DICHLOROETHYLENE TOTWUG/L	12/15/86-12/15/86	1###	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	12/15/86-12/15/86	1###	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	12/15/86-12/15/86	1###	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	12/15/86-12/15/86	1###	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	12/15/86-12/15/86	1###	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	12/15/86-12/15/86	1###	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34531	1,2-DICHLOROETHANE TOTWUG/L	12/15/86-12/15/86	1###	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34541	1,2-DICHLOROPROPANE TOTWUG/L	12/15/86-12/15/86	1###	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	12/15/86-12/15/86	1###	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	12/15/86-12/15/86	1###	1.	1.	1.	1.	0.	0.	**	**	**	**
34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	12/15/86-12/15/86	1###	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	12/15/86-12/15/86	1###	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34581	2-CHLORONAPHTHALENE TOTWUG/L	12/15/86-12/15/86	1###	1.	1.	1.	1.	0.	0.	**	**	**	**
34586	2-CHLOROPHENOL TOTWUG/L	12/15/86-12/15/86	1###	1.	1.	1.	1.	0.	0.	**	**	**	**
34591	2-NITROPHENOL TOTWUG/L	12/15/86-12/15/86	1###	1.	1.	1.	1.	0.	0.	**	**	**	**
34596	DI-N-OCTYL PHTHALATE TOTWUG/L	12/15/86-12/15/86	1###	1.	1.	1.	1.	0.	0.	**	**	**	**
34601	2,4-DICHLOROPHENOL TOTWUG/L	12/15/86-12/15/86	1###	1.	1.	1.	1.	0.	0.	**	**	**	**
34606	2,4-DIMETHYLPHENOL TOTWUG/L	12/15/86-12/15/86	1###	1.	1.	1.	1.	0.	0.	**	**	**	**
34611	2,4-DINITROTOLUENE TOTWUG/L	12/15/86-12/15/86	1###	1.	1.	1.	1.	0.	0.	**	**	**	**
34616	2,4-DINITROPHENOL TOTWUG/L	12/15/86-12/15/86	1###	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	12/15/86-12/15/86	1###	1.	1.	1.	1.	0.	0.	**	**	**	**
34626	2,6-DINITROTOLUENE TOTWUG/L	12/15/86-12/15/86	1###	1.	1.	1.	1.	0.	0.	**	**	**	**
34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	12/15/86-12/15/86	1###	5.	5.	5.	5.	0.	0.	**	**	**	**
34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	12/15/86-12/15/86	1###	1.	1.	1.	1.	0.	0.	**	**	**	**
34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	12/15/86-12/15/86	1###	1.	1.	1.	1.	0.	0.	**	**	**	**
34646	4-NITROPHENOL TOTWUG/L	12/15/86-12/15/86	1###	1.	1.	1.	1.	0.	0.	**	**	**	**
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	12/15/86-12/15/86	1###	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34668	DICHLORODIFUOROMETHANE TOTWUG/L	12/15/86-12/15/86	1###	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34671	PCB - 1016 TOTWUG/L	12/15/86-12/15/86	1###	15.	15.	15.	15.	0.	0.	**	**	**	**
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	12/15/86-12/15/86	2###	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
34696	NAPHTHALENE TOTWUG/L	12/15/86-12/15/86	1###	1.	1.	1.	1.	0.	0.	**	**	**	**
34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	12/15/86-12/15/86	1###	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	12/15/86-12/15/86	1###	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	12/15/86-12/15/86	1###	1.	1.	1.	1.	0.	0.	**	**	**	**
39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	12/15/86-12/15/86	1###	1.	1.	1.	1.	0.	0.	**	**	**	**
39110	DI-N-BUTYL PHTHALATE, WHOLE WATER,UG/L	12/15/86-12/15/86	1###	1.	1.	1.	1.	0.	0.	**	**	**	**
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	12/15/86-12/15/86	1###	20.	20.	20.	20.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: SAMO0060

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39175 VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	12/15/86-12/15/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39180 TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	12/15/86-12/15/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39300 P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	12/15/86-12/15/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39310 P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	12/15/86-12/15/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39320 P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	12/15/86-12/15/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39330 ALDRIN IN WHOLE WATER SAMPLE (UG/L)	12/15/86-12/15/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39337 ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	12/15/86-12/15/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39338 BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	12/15/86-12/15/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39340 GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	12/15/86-12/15/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39370 DDT IN WHOLE WATER SAMPLE (UG/L)	12/15/86-12/15/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39380 DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	12/15/86-12/15/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39390 ENDRIIN IN WHOLE WATER SAMPLE (UG/L)	12/15/86-12/15/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39410 HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	12/15/86-12/15/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39420 HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	12/15/86-12/15/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39488 PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	12/15/86-12/15/86	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
39492 PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	12/15/86-12/15/86	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
39496 PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	12/15/86-12/15/86	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
39500 PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	12/15/86-12/15/86	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
39504 PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	12/15/86-12/15/86	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
39508 PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	12/15/86-12/15/86	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
39700 HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	12/15/86-12/15/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39740 2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	12/15/86-12/15/86	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
70304 SOLIDS, TOTAL DISSOLVED-COND. METER (MG/L)	12/15/86-12/15/86	1	1040.	1040.	1040.	1040.	0.	0.	**	**	**	**
70311 PH, CACO3 STABILITY (STANDARD UNITS)	12/15/86-12/15/86	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
70311 CONVERTED PH, CACO3 STABILITY (STANDARD UNITS)	12/15/86-12/15/86	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
70311 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/15/86-12/15/86	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
71830 HYDROXIDE ION (MG/L AS OH)	12/15/86-12/15/86	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	12/15/86-12/15/86	1	43.	43.	43.	43.	0.	0.	**	**	**	**
77093 CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	12/15/86-12/15/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
77128 STYRENE WHOLE WATER,UG/L	12/15/86-12/15/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
81595 METHYL ETHYL KETONE WHL WATER SMPL UG/L	12/15/86-12/15/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
81596 METHYL-ISOBUTYL KETONE WHL WATER SMPL UG/L	12/15/86-12/15/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
81710 M-XYLENE IN THE WHOLE WATER SAMPLE MG/L	12/15/86-12/15/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
81711 O-XYLENE IN THE WHOLE WATER SAMPLE MG/L	12/15/86-12/15/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

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### EPA Water Quality Criteria Analysis for Station: SAMO0060

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
			Obs			Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00940 CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
	Drinking Water	250.	1	0	0.00				1	0	0.00						
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	1	1.00				1	1	1.00						
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00				1	0	0.00						
01032 CHROMIUM, HEXAVALENT	Fresh Acute	16.	1	0	0.00				1	0	0.00						
	Drinking Water	100.	1	0	0.00				1	0	0.00						
01291 CYANIDE, FILTERABLE, TOTAL IN WATER	Fresh Acute	22.	1	0	0.00				1	0	0.00						
	Drinking Water	200.	1	0	0.00				1	0	0.00						
32101 BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00				1	0	0.00						
32102 CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	1	0	0.00				1	0	0.00						
	Drinking Water	5.	1	0	0.00				1	0	0.00						
32104 BROMOFORM, WHOLE WATER	Drinking Water	100.	1	0	0.00				1	0	0.00						
32105 DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00				1	0	0.00						
32106 CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	1	0	0.00				1	0	0.00						
	Drinking Water	100.	1	0	0.00				1	0	0.00						
34010 TOLUENE IN WTR SMPL GC-MS, HEXADECONE E	Fresh Acute	17500.	1	0	0.00				1	0	0.00						
	Drinking Water	1000.	1	0	0.00				1	0	0.00						
34205 ACENAPHTHENE, TOTAL	Fresh Acute	1700.	1	0	0.00				1	0	0.00						
34301 CHLOROBENZENE, TOTAL	Drinking Water	100.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



# EPA Water Quality Criteria Analysis for Station: SAMO0060

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
34356	ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	0 &	0	0.00											
34361	ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	0 &	0	0.00											
34371	ETHYLBENZENE, TOTAL	Fresh Acute	32000.	1	0	0.00			1	0	0.00						
		Drinking Water	700.	1	0	0.00			1	0	0.00						
34376	FLUORANTHENE, TOTAL	Fresh Acute	3980.	1	0	0.00			1	0	0.00						
34386	HEXACHLOROCYCLOPENTADIENE	Fresh Acute	7.	1	0	0.00			1	0	0.00						
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL	Drinking Water	50.	1	0	0.00			1	0	0.00						
34391	HEXACHLOROBUTADIENE, TOTAL	Fresh Acute	90.	1	0	0.00			1	0	0.00						
34396	HEXACHLOROETHANE, TOTAL	Fresh Acute	980.	1	0	0.00			1	0	0.00						
34403	IDENO (1,2,3-CD) PYRENE	Drinking Water	0.4	0 &	0	0.00											
34408	ISOPHORONE, TOTAL	Fresh Acute	117000.	1	0	0.00			1	0	0.00						
34423	METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	1	0	0.00			1	0	0.00						
34447	NITROBENZENE, TOTAL	Fresh Acute	27000.	1	0	0.00			1	0	0.00						
34452	PARACHLOROMETA CRESOL, TOTAL	Fresh Acute	30.	1	0	0.00			1	0	0.00						
34461	PHENANTHRENE, TOTAL	Fresh Acute	30.	1	0	0.00			1	0	0.00						
34475	TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	1	0	0.00			1	0	0.00						
		Drinking Water	5.	1	0	0.00			1	0	0.00						
34501	1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	1	0	0.00			1	0	0.00						
34506	1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	1	0	0.00			1	0	0.00						
34511	1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	1	0	0.00			1	0	0.00						
34531	1,2-DICHLOROETHANE, TOTAL	Fresh Acute	118000.	1	0	0.00			1	0	0.00						
		Drinking Water	5.	1	0	0.00			1	0	0.00						
34541	1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	1	0	0.00			1	0	0.00						
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	1	0	0.00			1	0	0.00						
34551	1,2,4-TRICHLOROBENZENE, TOTAL	Drinking Water	70.	1	0	0.00			1	0	0.00						
34586	2-CHLOROPHENOL, TOTAL	Fresh Acute	4380.	1	0	0.00			1	0	0.00						
34601	2,4-DICHLOROPHENOL, TOTAL	Fresh Acute	2020.	1	0	0.00			1	0	0.00						
34606	2,4-DIMETHYLPHENOL, TOTAL	Fresh Acute	2120.	1	0	0.00			1	0	0.00						
34611	2,4-DINITROTOLUENE, TOTAL	Fresh Acute	330.	1	0	0.00			1	0	0.00						
34694	PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	Fresh Acute	10200.	2	0	0.00			2	0	0.00						
34696	NAPHTHALENE, TOTAL	Fresh Acute	2300.	1	0	0.00			1	0	0.00						
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	1	0	0.00			1	0	0.00						
		Drinking Water	1.	0 &	0	0.00											
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	Fresh Acute	2000.	1	0	0.00			1	0	0.00						
		Drinking Water	6.	1	0	0.00			1	0	0.00						
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	1	0	0.00			1	0	0.00						
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	1	0	0.00			1	0	0.00						
		Drinking Water	5.	1	0	0.00			1	0	0.00						
39300	P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	1	0	0.00			1	0	0.00						
39310	P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	0 &	0	0.00											
39320	P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	1	0	0.00			1	0	0.00						
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	1	0	0.00			1	0	0.00						
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	1	0	0.00			1	0	0.00						
		Drinking Water	0.2	0 &	0	0.00											
39370	DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	1	0	0.00			1	0	0.00						
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	1	0	0.00			1	0	0.00						
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	0 &	0	0.00											
		Drinking Water	2.	1	0	0.00			1	0	0.00						
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	0 &	0	0.00											
		Drinking Water	0.4	0 &	0	0.00											
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	0 &	0	0.00											
		Drinking Water	0.2	0 &	0	0.00											
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Drinking Water	1.	0 &	0	0.00											
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	1	0	0.00			1	0	0.00						
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00			1	0	0.00						
77093	CIS-1,2-DICHLOROETHYLENE, WHOLE WATER	Drinking Water	70.	1	0	0.00			1	0	0.00						
77128	STYRENE, WHOLE WATER	Drinking Water	100.	1	0	0.00			1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0061

NPS Station ID: SAMO0061  
 Location: MALIBU CREEK @ CROSS CREEK ROAD  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070104  
 Major Basin: SANTA MONICA BAY  
 Minor Basin: MALIBU BEACH QUADRANGLE  
 RF1 Index: 18070104012  
 RF3 Index: 18070105033200.47  
 Description:

LAT/LON: 34.042781/-118.683337

Depth of Water: 999  
 Elevation: 0

RF1 Mile Point: 0.620  
 RF3 Mile Point: 0.47

Agency: 21CALAFD  
 FIPS State/County: 06037 CALIFORNIA/LOS ANGELES  
 STORET Station ID(s): MALCRO /Z5102010 /TG 114B4A4 1  
 Within Park Boundary: Yes

Date Created: / /

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 0.00  
 Distance from RF3: 0.03

On/Off RF1: OFF  
 On/Off RF3:

## Parameter Inventory for Station: SAMO0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/07/71-11/16/79	93	13.9	13.966	29.4	3.3	19.919	4.463	8.	10.85	17.25	19.2
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/07/71-05/02/91	178	59.5	58.801	85.	38.	54.238	7.365	49.	54.	64.	68.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/04/71-05/02/91	192	1690.	1615.531	2200.	390.	127930.324	357.673	1073.	1475.5	1840.	1982.8
00300	OXYGEN, DISSOLVED MG/L	08/04/71-03/21/84	134	8.3	8.063	24.3	0.8	11.941	3.456	3.35	5.775	10.	11.45
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/04/71-04/03/91	165	2.	3.432	27.	0.	15.113	3.888	1.	1.	4.	7.
00340	COD, .25N K2CR2O7 MG/L	08/04/71-03/21/84	150	18.	23.68	179.	1.	574.568	23.97	7.	11.	25.	44.7
00403p	PH, LAB, STANDARD UNITS SU	08/04/71-05/02/91	191	8.1	8.072	8.8	7.1	0.084	0.29	7.7	7.9	8.3	8.4
00403p	CONVERTED PH, LAB, STANDARD UNITS	08/04/71-05/02/91	191	8.1	7.953	8.8	7.1	0.099	0.314	7.7	7.9	8.3	8.4
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/71-05/02/91	191	0.008	0.011	0.079	0.002	0.	0.012	0.004	0.005	0.013	0.02
00440p	BICARBONATE ION (MG/L AS HCO3)	08/04/71-05/02/91	186	272.	276.22	431.	112.	5904.4	76.84	177.4	217.75	334.5	379.3
00445	CARBONATE ION (MG/L AS CO3)	08/04/71-09/19/77	68	0.	2.206	27.	0.	34.673	5.888	0.	0.	0.	11.3
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/09/80-01/24/83	10	514.	649.3	2530.	5.	551601.789	742.699	5.1	88.5	870.	2379.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/09/80-01/24/83	10	58.	81.7	290.	2.	8116.456	90.091	2.1	12.75	117.	277.8
00547	RESIDUE, TOTAL NON-SETTLEABLE (MG/L)	10/05/73-03/27/79	8	34.5	181.15	1220.	0.2	177302.066	421.073	**	**	**	**
00549	RESIDUE, VOLATILE NONSETTLEABLE (MG/L)	12/29/77-03/27/79	7	10.	30.143	160.	2.	3299.81	57.444	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/17/79-05/02/91	85	0.05	0.242	7.	0.005	0.668	0.817	0.005	0.04	0.1	0.54
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/04/71-11/16/79	100	0.04	0.135	5.08	0.	0.265	0.515	0.	0.	0.119	0.26
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/17/79-05/02/91	80	0.035	0.114	0.5	0.005	0.032	0.18	0.01	0.02	0.05	0.5
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/04/71-05/02/91	181	3.02	4.106	13.46	0.	9.484	3.08	0.483	1.79	6.405	8.768
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/18/79-01/22/80	4	9.105	8.915	10.11	7.34	1.465	1.21	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/80-04/03/91	59	4.8	8.649	70.	0.1	167.366	12.937	0.5	2.8	6.5	27.8
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	12/27/77-03/17/82	18 ##	0.025	0.294	5.	0.005	1.379	1.174	0.005	0.005	0.025	0.523
00900p	HARDNESS, TOTAL (MG/L AS CaCO3)	08/04/71-05/02/91	172	642.5	621.942	891.	106.	22692.289	150.64	415.9	547.5	725.75	782.1
00916p	CALCIUM, TOTAL (MG/L AS Ca)	08/04/71-05/02/91	172	138.	139.878	259.2	35.	1511.285	38.875	92.22	117.	164.75	183.6
00927p	MAGNESIUM, TOTAL (MG/L AS MG)	08/04/71-05/02/91	172	68.45	66.227	99.	0.6	364.76	19.099	34.75	59.325	78.925	87.
00929p	SODIUM, TOTAL (MG/L AS Na)	08/04/71-05/02/91	172	136.	132.122	236.	28.	1454.457	38.137	75.15	115.	157.	174.7
00937p	POTASSIUM, TOTAL MG/L AS K)	08/04/71-05/02/91	172	5.	5.747	42.	0.6	13.545	3.68	3.2	4.	6.775	8.67
00940p	CHLORIDE, TOTAL IN WATER MG/L	08/04/71-05/02/91	186	112.	110.425	216.	21.	1163.867	34.115	63.1	91.5	130.	158.3
00945p	SULFATE, TOTAL (MG/L AS SO4)	08/04/71-05/02/91	187	512.	480.214	796.	40.	21321.814	146.02	243.2	423.	570.	626.2
00951	FLUORIDE, TOTAL (MG/L AS F)	12/27/77-05/02/91	68	0.555	0.538	1.2	0.04	0.071	0.267	0.181	0.333	0.695	0.91
01000	ARSENIC, DISSOLVED (UG/L AS AS)	01/09/80-02/04/90	6 ##	5.	5.	8.	2.5	5.1	2.258	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	04/15/77-05/02/91	48	3.	10.073	166.	1.	662.085	25.731	1.45	2.5	6.	15.
01005	BARIUM, DISSOLVED (UG/L AS Ba)	01/09/80-02/04/90	6	55.	209.833	819.	20.	98556.167	313.937	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS Ba)	04/15/77-05/02/91	77	40.	112.39	1400.	5.	56701.425	238.121	20.	30.	70.	228.
01022	BORON, TOTAL (UG/L AS B)	12/27/77-05/02/91	54	330.	329.039	1000.	0.03	31033.679	176.164	95.	207.5	420.	460.
01025	CADMIUM, DISSOLVED (UG/L AS Cd)	01/09/80-02/04/90	6 ##	5.	5.583	11.	2.5	8.042	2.836	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS Cd)	04/15/77-05/02/91	82 ##	5.	6.238	32.	0.5	49.872	7.062	0.5	0.5	5.25	15.
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	01/09/80-02/04/90	6 ##	15.	16.833	31.	5.	92.167	9.6	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

# Parameter Inventory for Station: SAMO0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	12/27/77-05/02/91	80 ##	10.	13.75	143.	0.005	284.068	16.854	3.2	5.	25.	25.
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/15/77-05/02/91	82 ##	10.	19.561	158.	5.	1020.891	31.951	5.	5.	15.	49.1
01040	COPPER, DISSOLVED (UG/L AS CU)	01/09/80-02/04/90	6 ##	12.5	38.167	125.	5.	2424.167	49.236	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	04/15/77-05/02/91	82 ##	5.	20.256	240.	5.	1429.082	37.803	5.	5.	15.	55.7
01045	IRON, TOTAL (UG/L AS FE)	04/15/77-12/05/91	120	135.	2000.217	54000.	0.2	55059906.01	7420.236	5.	50.	525.	2743.
01046	IRON, DISSOLVED (UG/L AS FE)	01/09/80-02/04/90	6	3995.	13428.333	54500.	30.	454950136.667	21329.56	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	01/09/80-02/04/90	6 ##	5.	62.167	250.	5.	10004.167	100.021	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	04/15/77-05/02/91	81 ##	5.	19.025	300.	5.	1598.074	39.976	5.	5.	15.	48.
01055	MANGANESE, TOTAL (UG/L AS MN)	04/15/77-05/02/91	117	25.	71.638	950.	5.	29039.231	170.409	5.	10.	50.	116.8
01056	MANGANESE, DISSOLVED (UG/L AS MN)	01/09/80-02/04/90	6 ##	107.5	268.333	710.	5.	114376.667	338.196	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	01/09/80-02/04/90	6 ##	7.5	36.167	125.	5.	2488.167	49.882	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	04/15/77-05/02/91	81 ##	5.	22.136	220.	5.	1694.669	41.166	5.	5.	15.	54.8
01075	SILVER, DISSOLVED (UG/L AS AG)	01/09/80-02/04/90	6 ##	5.	9.833	25.	5.	68.167	8.256	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	04/15/77-05/02/91	81 ##	5.	5.378	20.	0.5	9.896	3.146	1.	5.	5.	10.
01090	ZINC, DISSOLVED (UG/L AS ZN)	01/09/80-02/04/90	6	25.	49.	157.	7.	3118.4	55.843	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	04/15/77-05/02/91	81	40.	50.864	420.	3.5	4092.931	63.976	5.	8.	59.5	120.
01145	SELENIUM, DISSOLVED (UG/L AS SE)	01/09/80-02/04/90	6 ##	2.5	11.667	55.	2.5	451.667	21.252	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	04/15/77-05/02/91	47 ##	2.5	3.57	48.	0.3	45.364	6.735	1.	2.5	2.5	5.
01220	CHROMIUM, HEXAVALENT, DISSOLVED IN (UG/L AS CR)	01/09/80-02/04/90	6 ##	10.	20.833	80.	5.	844.167	29.055	**	**	**	**
31503p	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	08/04/71-05/02/91	184	2600.	14209.62	650000.	40.	3092532652.86	55610.544	235.	800.	8000.	25000.
31503p	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	08/04/71-05/02/91	184	3.415	3.422	5.813	1.602	0.558	0.747	2.371	2.903	3.903	4.398
31503p	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			2645.168								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/04/71-05/02/91	182	96.5	1022.445	20000.	1.5	9102992.21	3017.117	15.6	40.	335.	1880.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/04/71-05/02/91	182	1.984	2.092	4.301	0.176	0.708	0.841	1.192	1.602	2.525	3.272
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			123.698								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/04/71-05/02/91	186	490.	6255.457	192000.	5.	600818155.06	24511.592	50.	192.5	1700.	7620.
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/04/71-05/02/91	186	2.69	2.767	5.283	0.699	0.669	0.818	1.699	2.283	3.23	3.882
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			585.283								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	03/12/91-05/02/91	3	270.	193.333	300.	10.	25433.333	159.478	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	03/12/91-05/02/91	3	2.431	1.969	2.477	1.	0.705	0.84	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			93.217								
34253	A-BHC-ALPHA DISSUG/L	08/15/88-06/05/90	6 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34352	ENDOSULFAN SULFATE DISSUG/L	02/09/89-06/05/90	5 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34357	ENDOSULFAN, BETA DISSUG/L	08/15/88-06/05/90	6 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34362	ENDOSULFAN, ALPHA DISSUG/L	08/15/88-06/05/90	6 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34672	PCB - 1016 DISSUG/L	08/15/88-06/05/90	6 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	08/15/88-06/05/90	6 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	08/15/88-06/05/90	6 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	04/15/77-06/05/90	8 ##	0.025	0.021	0.025	0.005	0.	0.008	**	**	**	**
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	08/15/88-06/05/90	6 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	04/15/77-05/16/77	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39352	CHLORDANE(TECH MIX & METABS),DISSOLVED,UG/L	08/15/88-06/05/90	6 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	04/15/77-05/16/77	2 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	04/15/77-05/16/77	2 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	04/15/77-05/16/77	2 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	04/15/77-06/05/90	8 ##	0.05	0.039	0.05	0.005	0.	0.021	**	**	**	**
39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	04/15/77-05/16/77	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	04/15/77-06/05/90	8 ##	0.05	0.039	0.05	0.005	0.	0.021	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	04/15/77-06/05/90	8 ##	0.5	0.376	0.5	0.005	0.053	0.229	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	04/15/77-06/05/90	8 ##	0.025	0.02	0.025	0.005	0.	0.009	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	04/15/77-06/05/90	8 ##	0.025	0.02	0.025	0.005	0.	0.009	**	**	**	**
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	08/15/88-06/05/90	6 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	08/15/88-06/05/90	6 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	04/15/77-06/05/90	8 ##	0.25	0.189	0.25	0.005	0.013	0.113	**	**	**	**
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	08/15/88-06/05/90	6 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	04/15/77-06/05/90	8 ##	0.5	0.376	0.5	0.005	0.053	0.229	**	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	08/15/88-06/05/90	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39780	DICOFOL IN WHOLE WATER SAMPLE (UG/L)	04/15/77-05/16/77	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	04/15/77-06/05/90	8 ##	0.025	0.026	0.05	0.005	0.	0.012	**	**	**	**
45501	HYDROCARBON IN WATER, FREON EXT, CHROMAT, IR MG/L	05/11/88-05/02/91	33 ##	0.5	0.533	1.05	0.1	0.068	0.262	0.1	0.5	0.5	0.96
46323	DELTA-BHC IN WHOLE WATER SMAPLE (UG/L)	08/15/88-06/05/90	6 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
70295	RESIDUE,TOTAL FILTRABLE (DRIED AT ANY TEMP),MG/L	12/27/77-03/27/79	10	575.	726.8	1304.	235.	179070.844	423.168	244.9	368.5	1234.75	1297.9
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/15/77-05/02/91	116	1211.5	1162.966	1620.	300.	58613.651	242.103	807.2	1065.	1317.	1429.2

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: SAMO0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/04/71-10/17/77	64	1387.	1389.297	1810.	810.	49197.672	221.805	1074.5	1233.25	1549.25	1710.
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/04/71-05/02/91	183	1.25	1.634	6.5	0.068	1.441	1.2	0.484	0.75	2.49	3.32
71850p	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	08/04/71-12/05/90	123	13.1	17.934	59.6	0.	193.838	13.923	0.	7.9	28.6	37.9
71890	MERCURY, DISSOLVED (UG/L AS HG)	01/09/80-02/04/90	6 ##	0.5	2.342	12.	0.05	22.42	4.735	**	**	**	**
71900p	MERCURY, TOTAL (UG/L AS HG)	12/07/71-05/02/91	171 ##	0.5	1.675	20.	0.	7.162	2.676	0.05	0.5	2.5	5.

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0061

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	134	16	0.12	57	16	0.28	47	0	0.00	30	0	0.00		
00403	PH, LAB	Other-Hi Lim.	9.	191	0	0.00	68	0	0.00	77	0	0.00	46	0	0.00		
		Other-Lo Lim.	6.5	191	0	0.00	68	0	0.00	77	0	0.00	46	0	0.00		
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	80	0	0.00	27	0	0.00	31	0	0.00	22	0	0.00		
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	181	9	0.05	66	0	0.00	71	7	0.10	44	2	0.05		
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	1	0.25	1	0	0.00	3	1	0.33					
00720	CYANIDE, TOTAL	Fresh Acute	0.022	7 &	0	0.00				3	0	0.00	4	0	0.00		
		Drinking Water	0.2	17 &	0	0.00				12	0	0.00	5	0	0.00		
00940	CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	186	0	0.00	66	0	0.00	74	0	0.00	46	0	0.00		
		Drinking Water	250.	186	0	0.00	66	0	0.00	74	0	0.00	46	0	0.00		
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	187	168	0.90	67	65	0.97	74	61	0.82	46	42	0.91		
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	68	0	0.00	14	0	0.00	34	0	0.00	20	0	0.00		
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	6	0	0.00				4	0	0.00	2	0	0.00		
		Drinking Water	50.	6	0	0.00				4	0	0.00	2	0	0.00		
01002	ARSENIC, TOTAL	Fresh Acute	360.	48	0	0.00	10	0	0.00	24	0	0.00	14	0	0.00		
		Drinking Water	50.	48	3	0.06	10	0	0.00	24	3	0.13	14	0	0.00		
01005	BARIUM, DISSOLVED	Drinking Water	2000.	6	0	0.00				4	0	0.00	2	0	0.00		
01007	BARIUM, TOTAL	Drinking Water	2000.	77	0	0.00	23	0	0.00	32	0	0.00	22	0	0.00		
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	2 &	1	0.50				1	0	0.00	1	1	1.00		
		Drinking Water	5.	2 &	1	0.50				1	0	0.00	1	1	1.00		
01027	CADMIUM, TOTAL	Fresh Acute	3.9	42 &	12	0.29	13	1	0.08	18	8	0.44	11	3	0.27		
		Drinking Water	5.	42 &	11	0.26	13	1	0.08	18	7	0.39	11	3	0.27		
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	6	0	0.00				4	0	0.00	2	0	0.00		
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	59 &	1	0.02	16	1	0.06	28	0	0.00	15	0	0.00		
		Drinking Water	100.	80	1	0.01	23	1	0.04	36	0	0.00	21	0	0.00		
01034	CHROMIUM, TOTAL	Drinking Water	100.	82	4	0.05	23	1	0.04	36	1	0.03	23	2	0.09		
01040	COPPER, DISSOLVED	Fresh Acute	18.	5 &	2	0.40				3	1	0.33	2	1	0.50		
		Drinking Water	1300.	6	0	0.00				4	0	0.00	2	0	0.00		
01042	COPPER, TOTAL	Fresh Acute	18.	81 &	19	0.23	23	3	0.13	35	10	0.29	23	6	0.26		
		Drinking Water	1300.	82	0	0.00	23	0	0.00	36	0	0.00	23	0	0.00		
01049	LEAD, DISSOLVED	Fresh Acute	82.	6	2	0.33				4	1	0.25	2	1	0.50		
		Drinking Water	15.	6	2	0.33				4	1	0.25	2	1	0.50		
01051	LEAD, TOTAL	Fresh Acute	82.	81	4	0.05	23	0	0.00	36	1	0.03	22	3	0.14		
		Drinking Water	15.	72 &	11	0.15	23	3	0.13	28	5	0.18	21	3	0.14		
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	6	0	0.00				4	0	0.00	2	0	0.00		
		Drinking Water	100.	5 &	0	0.00				3	0	0.00	2	0	0.00		
01067	NICKEL, TOTAL	Fresh Acute	1400.	81	0	0.00	23	0	0.00	36	0	0.00	22	0	0.00		
		Drinking Water	100.	81	4	0.05	23	1	0.04	36	2	0.06	22	1	0.05		
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1 &	1	1.00							1	1	1.00		
		Drinking Water	100.	6	0	0.00				4	0	0.00	2	0	0.00		
01077	SILVER, TOTAL	Fresh Acute	4.1	18 &	4	0.22	8	2	0.25	5	0	0.00	5	2	0.40		
		Drinking Water	100.	81	0	0.00	23	0	0.00	36	0	0.00	22	0	0.00		
01090	ZINC, DISSOLVED	Fresh Acute	120.	6	1	0.17				4	0	0.00	2	1	0.50		
		Drinking Water	5000.	6	0	0.00				4	0	0.00	2	0	0.00		
01092	ZINC, TOTAL	Fresh Acute	120.	81	9	0.11	23	3	0.13	36	4	0.11	22	2	0.09		
		Drinking Water	5000.	81	0	0.00	23	0	0.00	36	0	0.00	22	0	0.00		

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

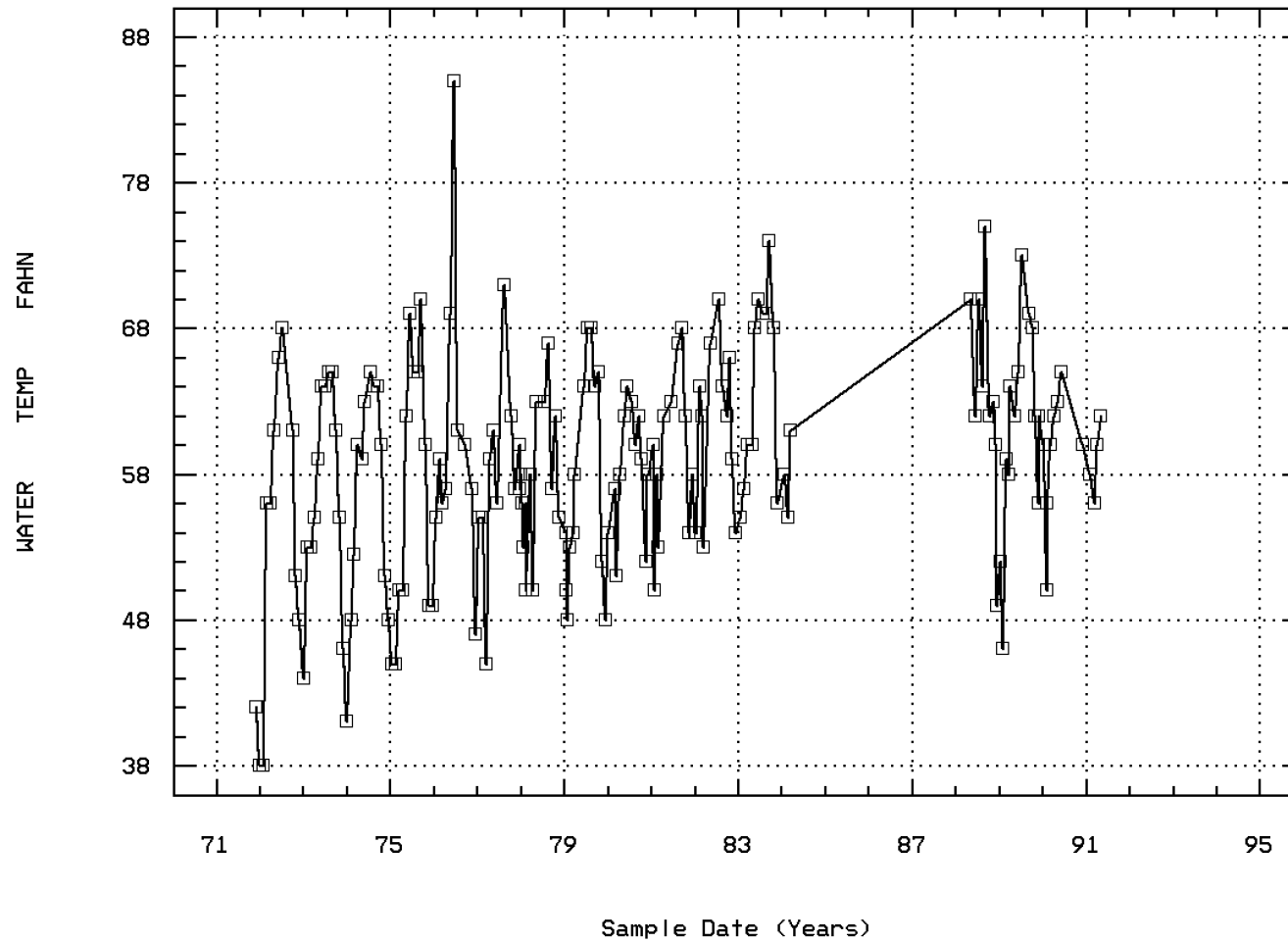
### EPA Water Quality Criteria Analysis for Station: SAMO0061

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
01145 SELENIUM, DISSOLVED	Fresh Acute	20.	6	1	0.17				4	0	0.00	2	1	0.50			
	Drinking Water	50.	6	1	0.17				4	0	0.00	2	1	0.50			
01147 SELENIUM, TOTAL	Fresh Acute	20.	47	1	0.02	10	0	0.00	23	1	0.04	14	0	0.00			
	Drinking Water	50.	47	0	0.00	10	0	0.00	23	0	0.00	14	0	0.00			
01220 CHROMIUM, HEXAVALENT, DISSOLVED	Fresh Acute	16.	6	1	0.17				4	0	0.00	2	1	0.50			
	Drinking Water	100.	6	0	0.00				4	0	0.00	2	0	0.00			
31503 COLIFORM, TOTAL, MEMBRANE FILTER, DELAY.	Other-Hi Lim.	1000.	184	132	0.72	66	47	0.71	72	54	0.75	46	31	0.67			
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	180 &	63	0.35	66	24	0.36	69	23	0.33	45	16	0.36			
34357 ENDOSULFAN, BETA, DISSOLVED	Fresh Acute	0.22	6	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00			
34362 ENDOSULFAN, ALPHA, DISSOLVED	Fresh Acute	0.22	6	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00			
39300 P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	6	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00			
39310 P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	6	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00			
39330 ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	8	0	0.00	2	0	0.00	3	0	0.00	3	0	0.00			
39340 GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	2	0	0.00							2	0	0.00			
	Drinking Water	0.2	2	0	0.00							2	0	0.00			
39352 CHLORDANE(TECH MIX & METABS), DISSOLVED	Fresh Acute	2.4	6	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00			
	Drinking Water	2.	6	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00			
39360 DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	2	0	0.00							2	0	0.00			
39365 DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	2	0	0.00							2	0	0.00			
39370 DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	2	0	0.00							2	0	0.00			
39380 DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	8	0	0.00	2	0	0.00	3	0	0.00	3	0	0.00			
39388 ENDOSULFAN IN WHOLE WATER SAMPLE	Fresh Acute	0.22	2	0	0.00							2	0	0.00			
39390 ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	8	0	0.00	2	0	0.00	3	0	0.00	3	0	0.00			
	Drinking Water	2.	8	0	0.00	2	0	0.00	3	0	0.00	3	0	0.00			
39400 TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	8	0	0.00	2	0	0.00	3	0	0.00	3	0	0.00			
	Drinking Water	3.	8	0	0.00	2	0	0.00	3	0	0.00	3	0	0.00			
39410 HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	8	0	0.00	2	0	0.00	3	0	0.00	3	0	0.00			
	Drinking Water	0.4	8	0	0.00	2	0	0.00	3	0	0.00	3	0	0.00			
39420 HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	8	0	0.00	2	0	0.00	3	0	0.00	3	0	0.00			
	Drinking Water	0.2	8	0	0.00	2	0	0.00	3	0	0.00	3	0	0.00			
39782 LINDANE IN WHOLE WATER SAMPLE	Fresh Acute	2.	8	0	0.00	2	0	0.00	3	0	0.00	3	0	0.00			
	Drinking Water	0.2	8	0	0.00	2	0	0.00	3	0	0.00	3	0	0.00			
71850 NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	123	5	0.04	43	0	0.00	50	4	0.08	30	1	0.03			
71890 MERCURY, DISSOLVED	Fresh Acute	2.4	6	1	0.17				4	0	0.00	2	1	0.50			
	Drinking Water	2.	6	1	0.17				4	0	0.00	2	1	0.50			
71900 MERCURY, TOTAL	Fresh Acute	2.4	137 &	9	0.07	52	4	0.08	50	1	0.02	35	4	0.11			
	Drinking Water	2.	137 &	10	0.07	52	4	0.08	50	2	0.04	35	4	0.11			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station: SAM00061 Parameter Code: 00011

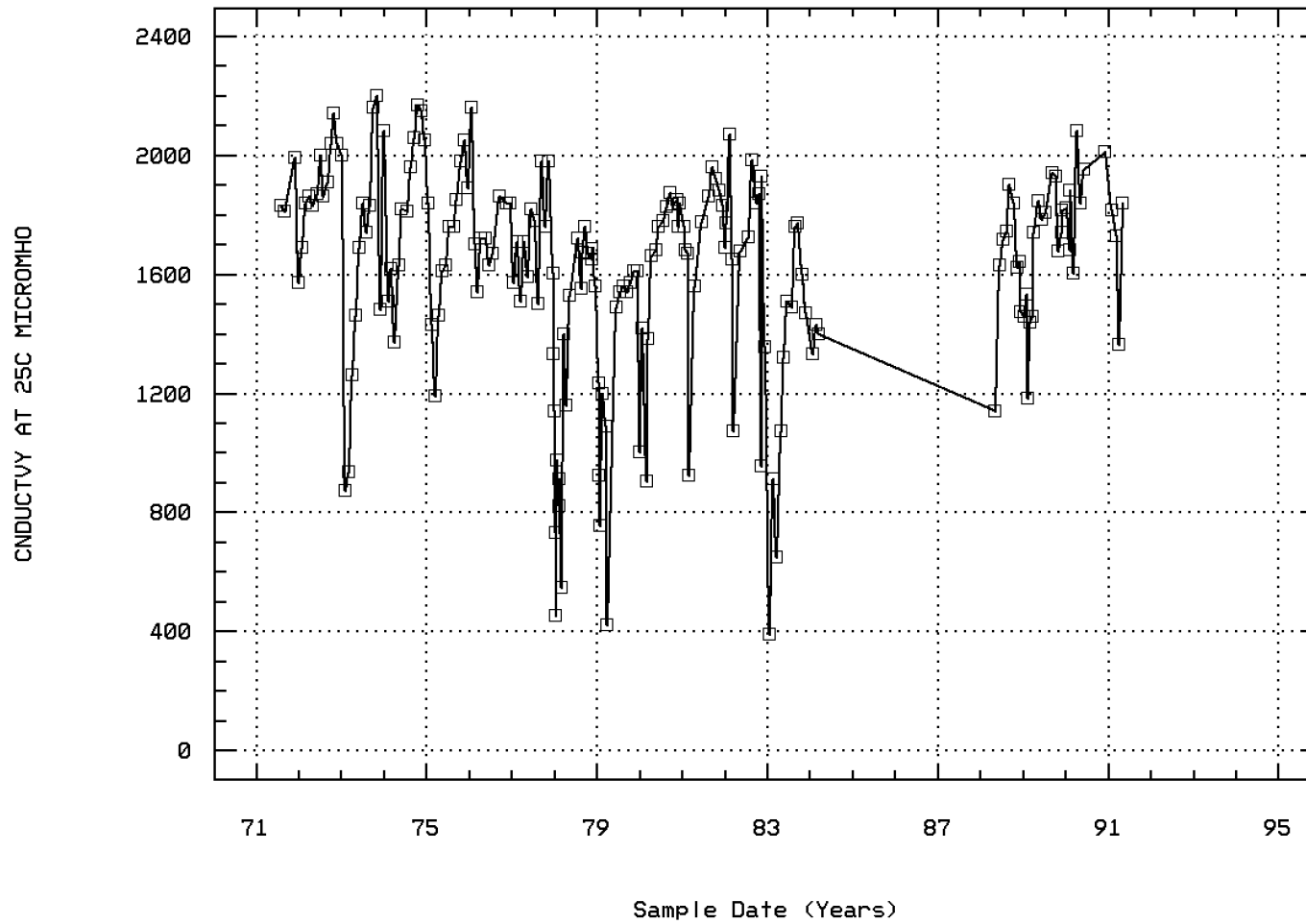
TEMPERATURE, WATER (DEGREES FAHRENHEIT)



MALIBU CREEK @ CROSS CREEK ROAD

Station: SAM00061 Parameter Code: 00095

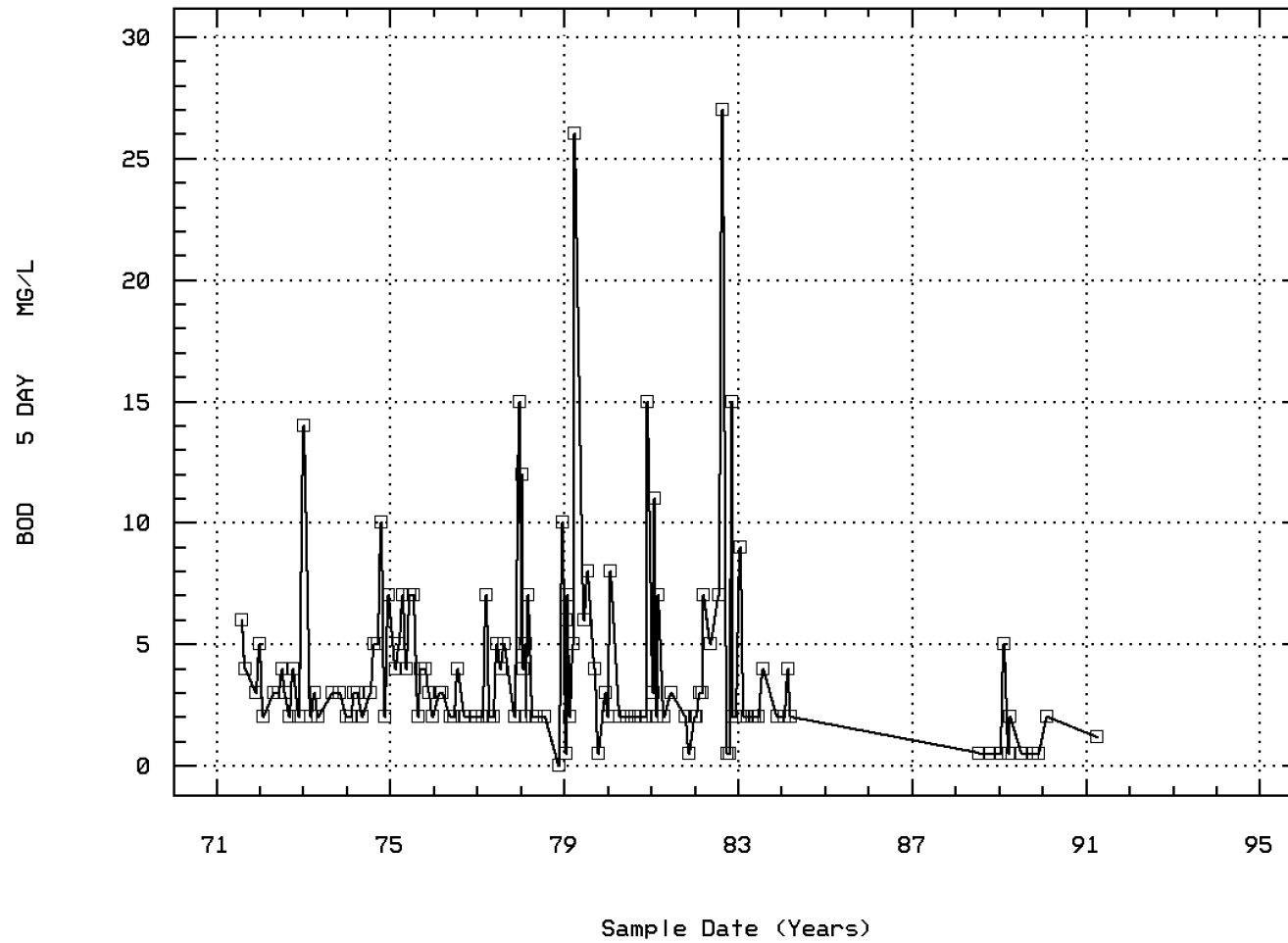
SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)



MALIBU CREEK @ CROSS CREEK ROAD

Station: SAM00061 Parameter Code: 00310

BOD, 5 DAY, 20 DEG C

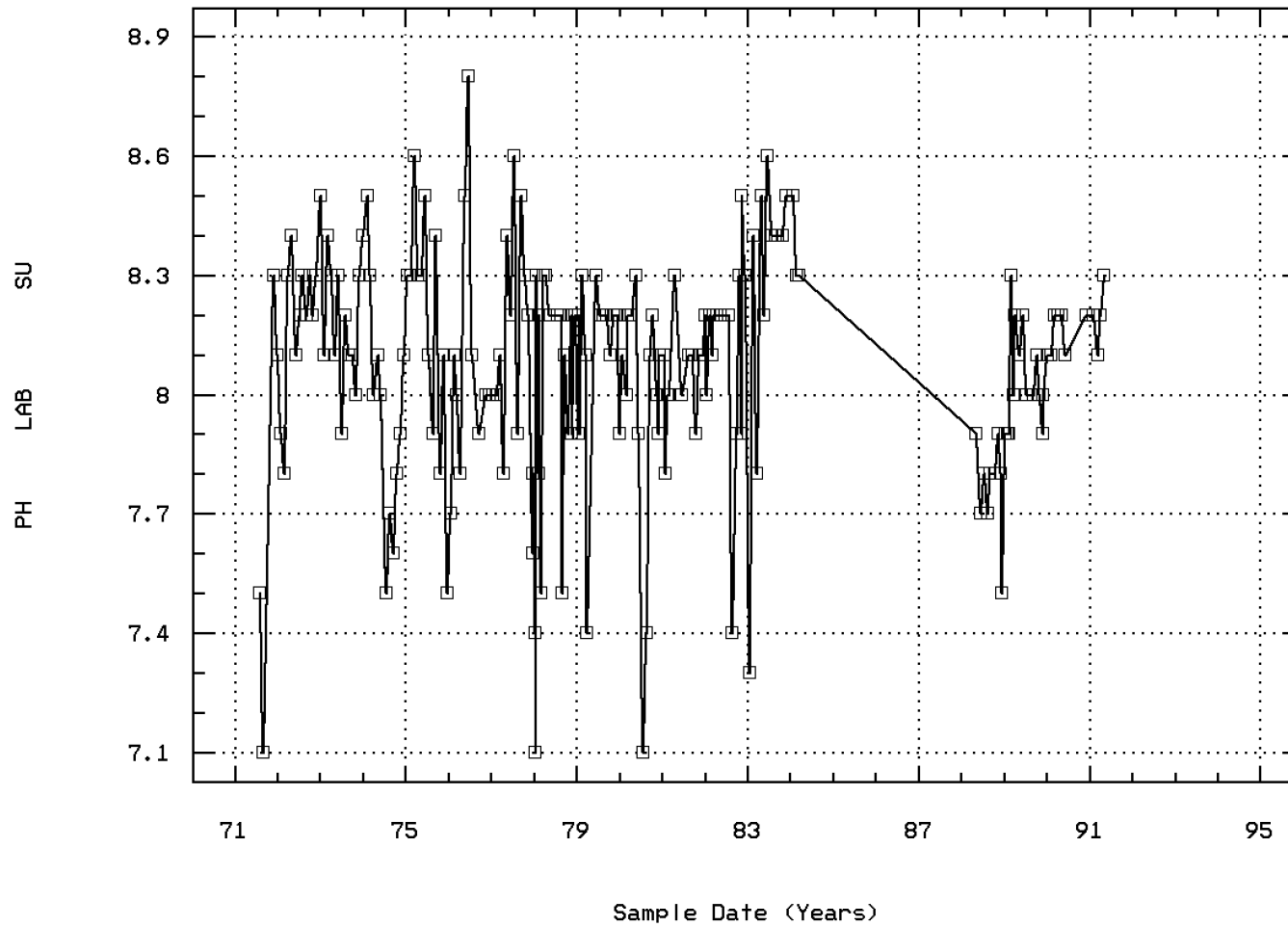


MALIBU CREEK @ CROSS CREEK ROAD



Station: SAM00061 Parameter Code: 00403

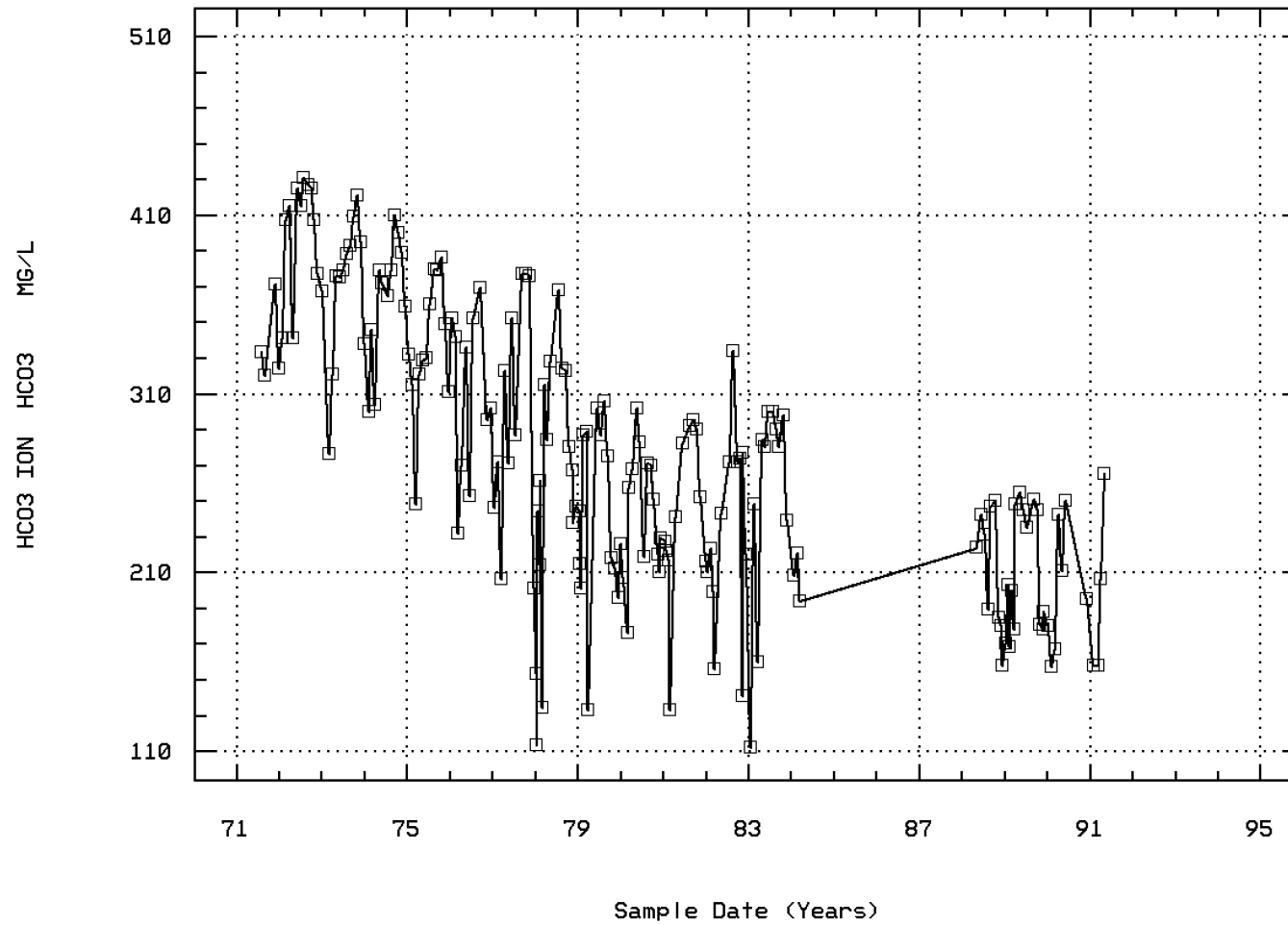
PH, LAB, STANDARD UNITS



MALIBU CREEK @ CROSS CREEK ROAD

Station: SAM00061 Parameter Code: 00440

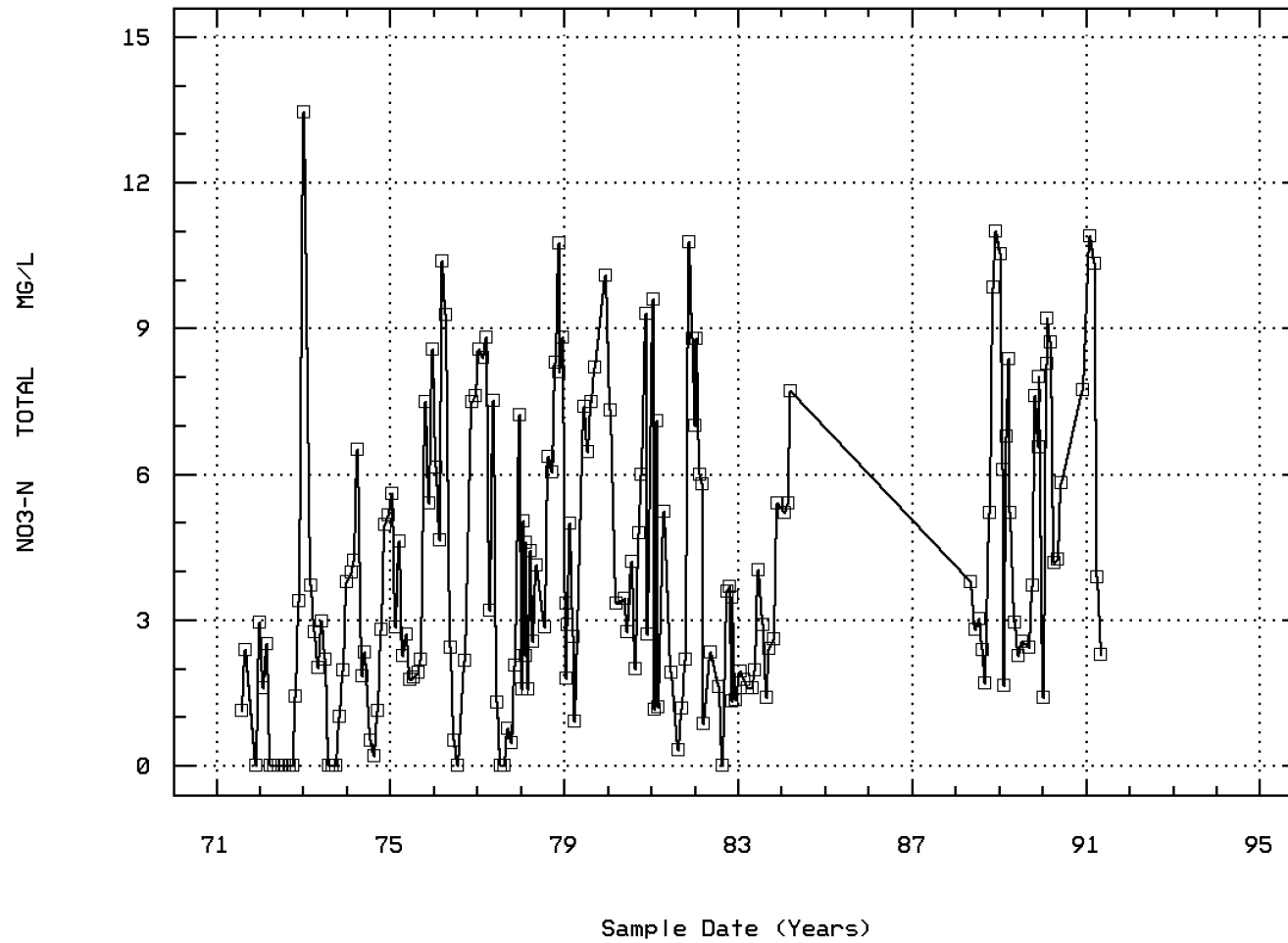
BICARBONATE ION (MG/L AS  $\text{HCO}_3$ )



MALIBU CREEK @ CROSS CREEK ROAD

Station: SAM00061 Parameter Code: 00620

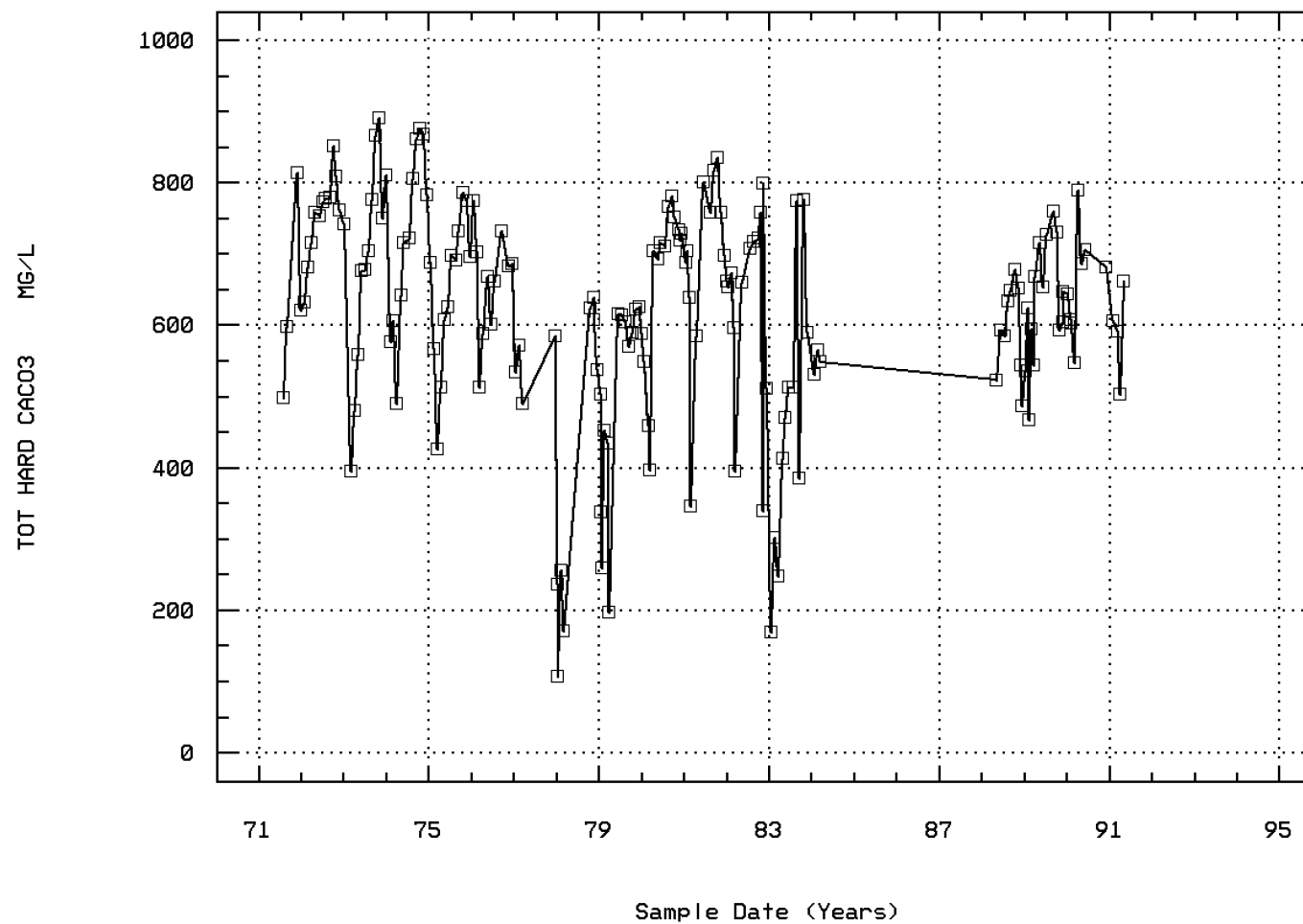
NITRATE NITROGEN, TOTAL (MG/L AS N)



MALIBU CREEK @ CROSS CREEK ROAD

Station: SAM00061 Parameter Code: 00900

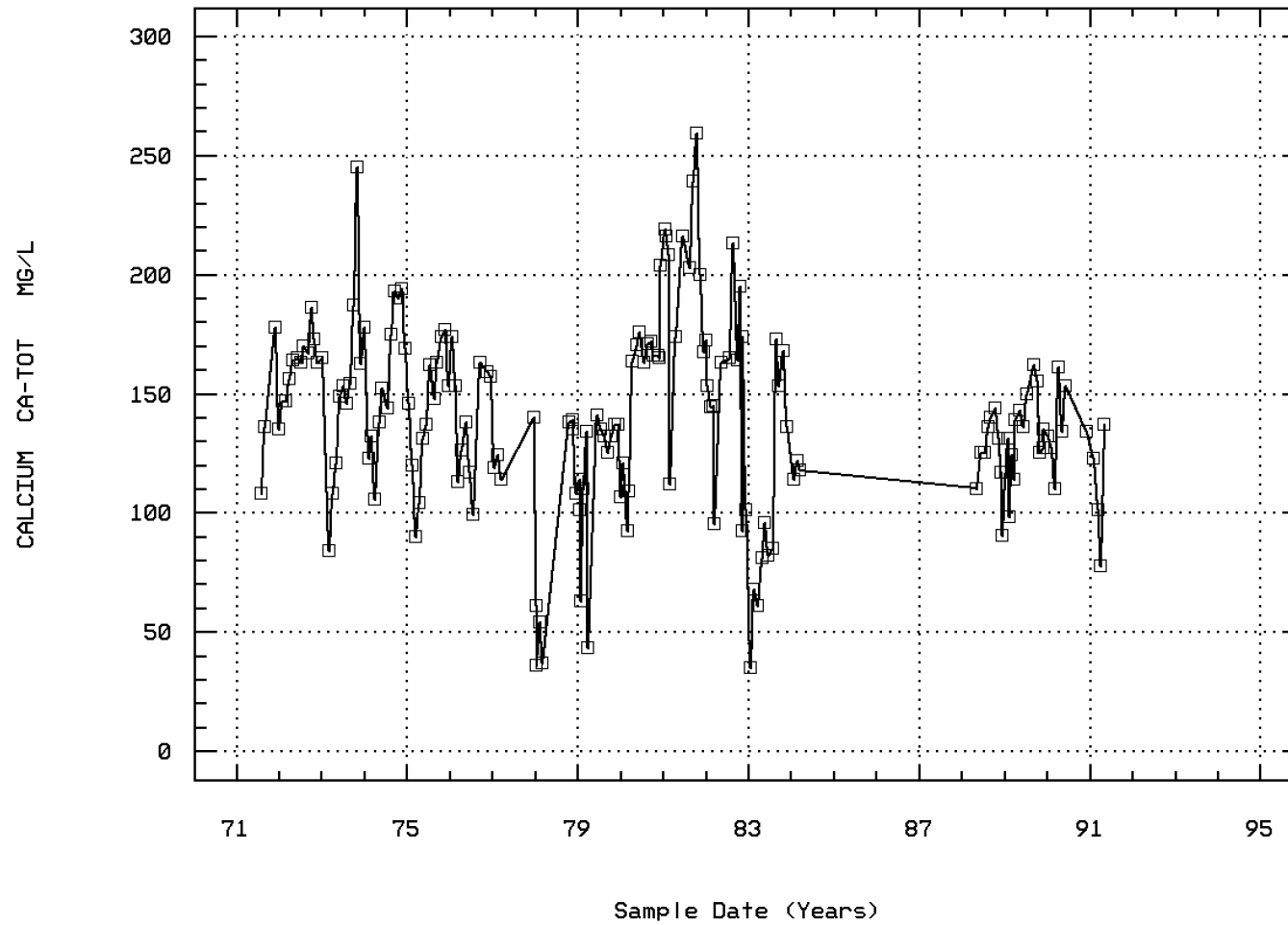
HARDNESS, TOTAL (MG/L AS CaCO3)



MALIBU CREEK @ CROSS CREEK ROAD

Station: SAM00061 Parameter Code: 00916

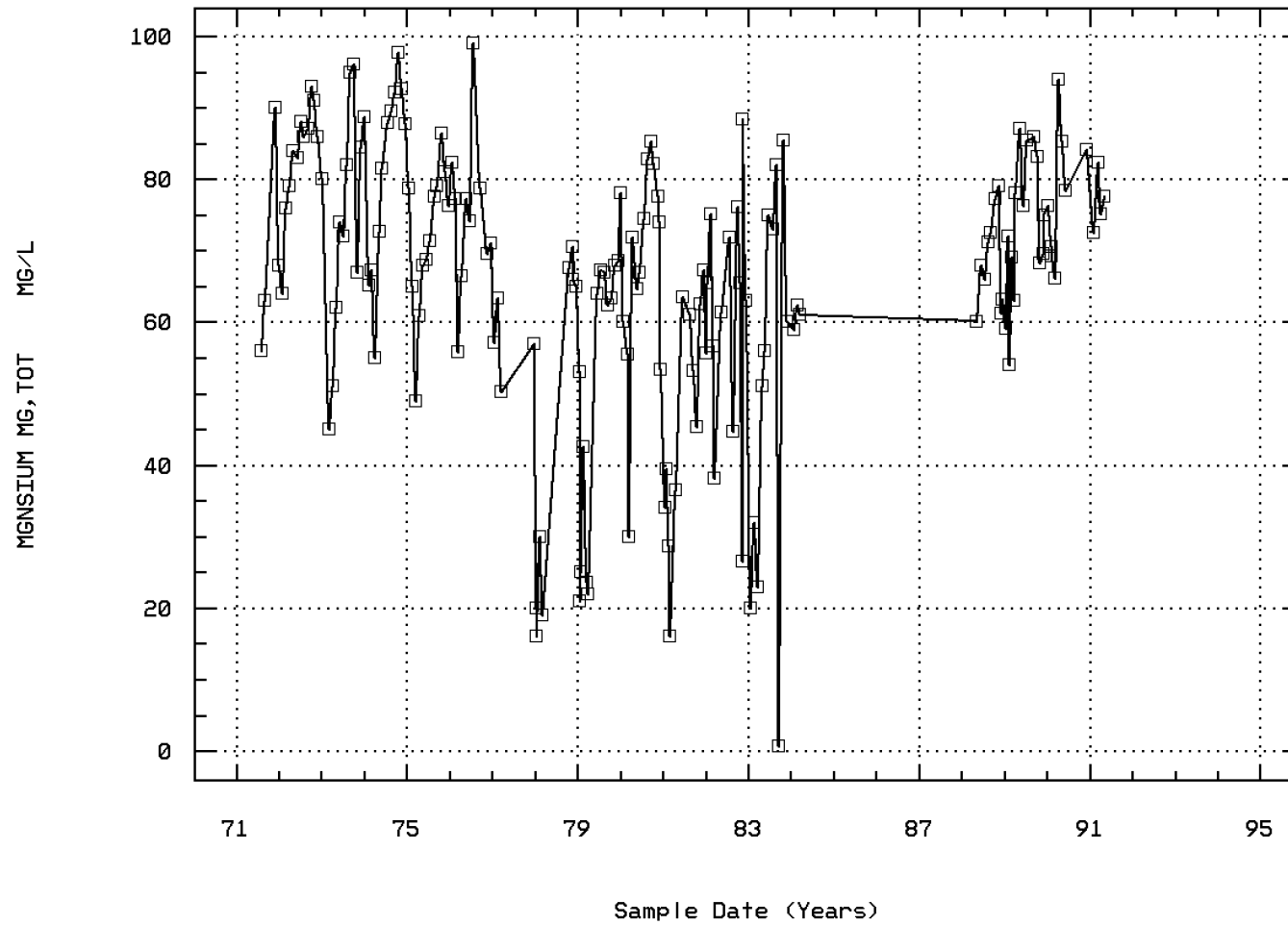
CALCIUM, TOTAL (MG/L AS CA)



MALIBU CREEK @ CROSS CREEK ROAD

Station: SAM00061 Parameter Code: 00927

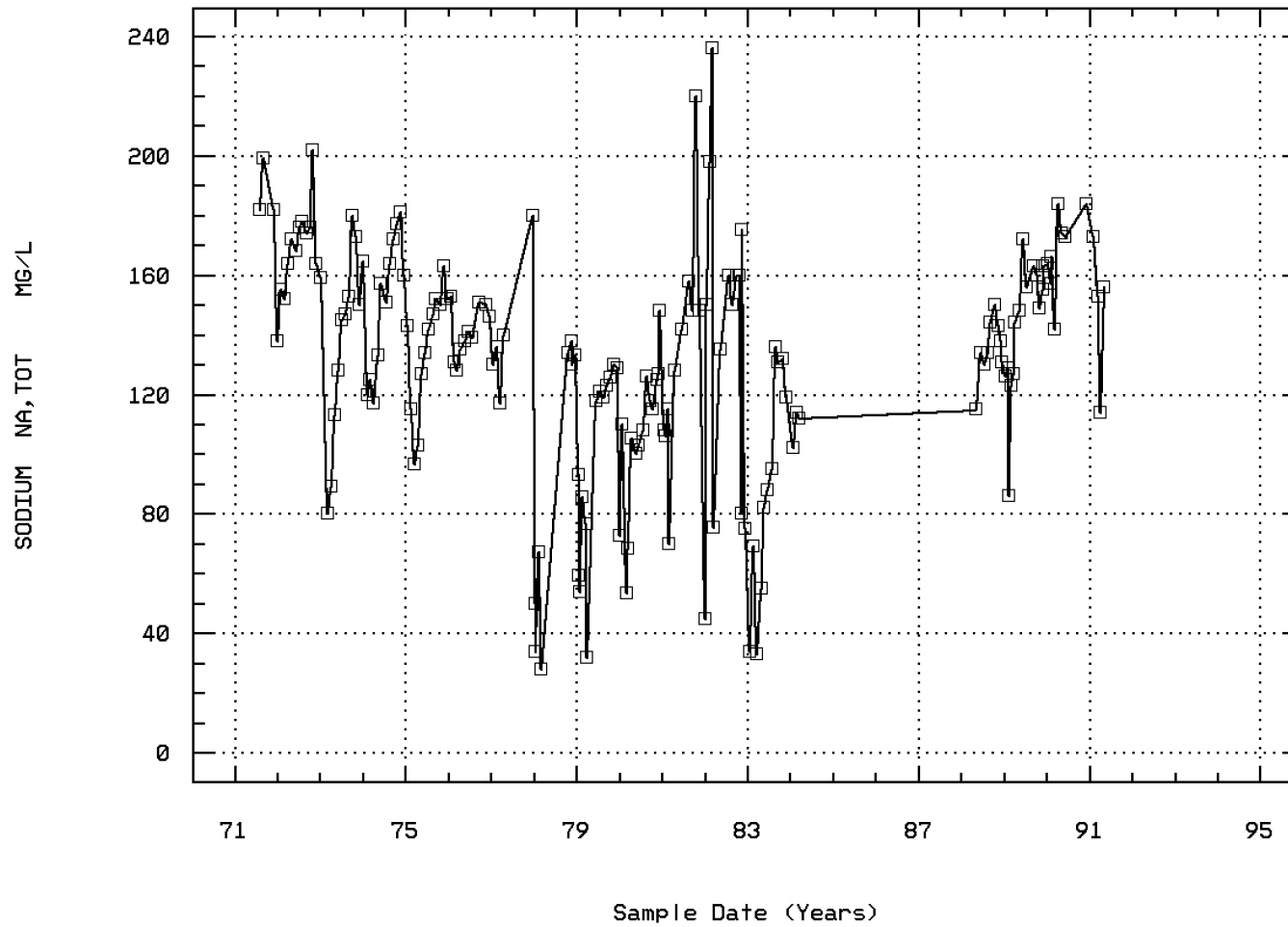
MAGNESIUM, TOTAL (MG/L AS MG)



MALIBU CREEK @ CROSS CREEK ROAD

Station: SAM00061 Parameter Code: 00929

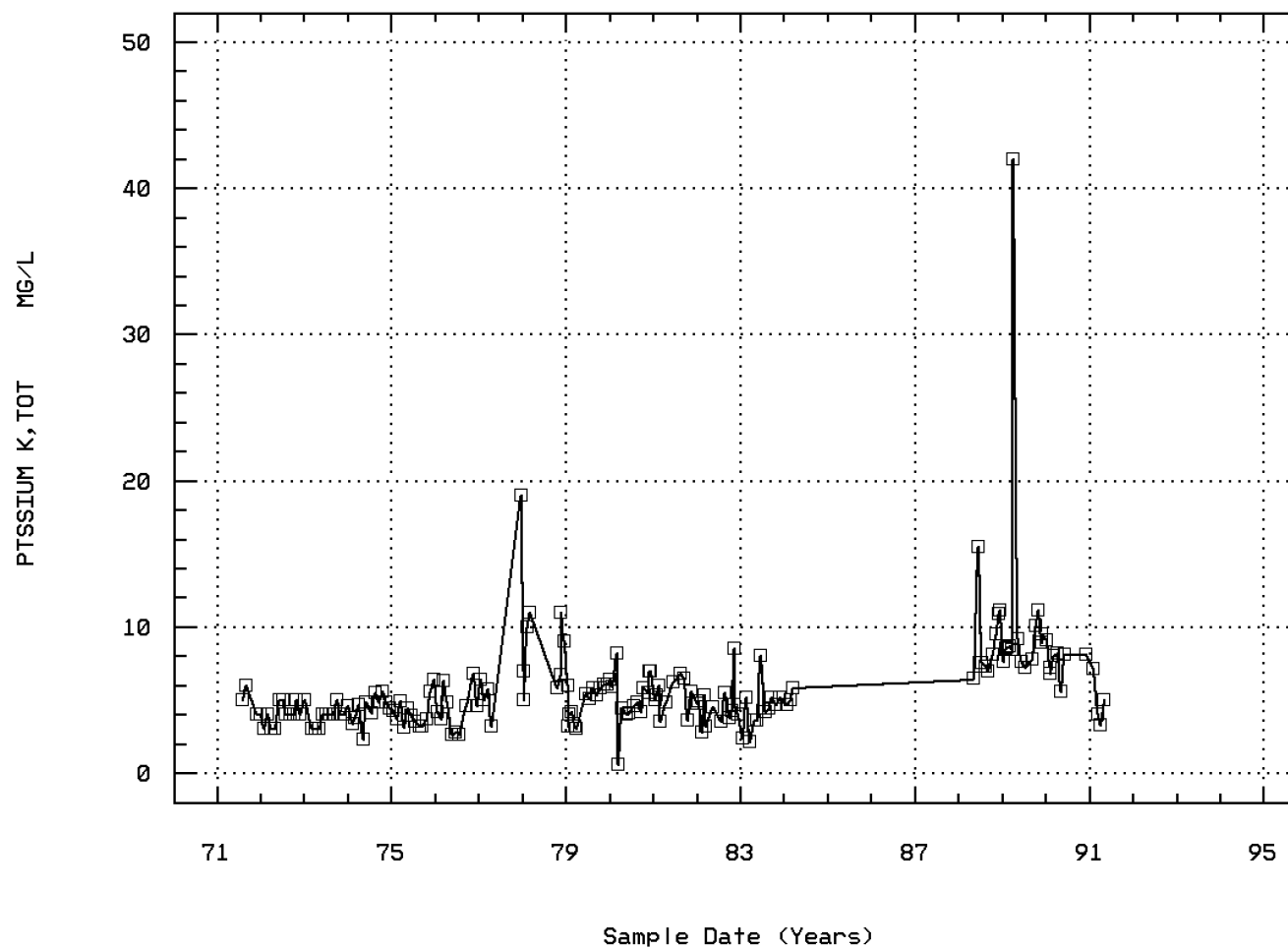
SODIUM, TOTAL (MG/L AS NA)



MALIBU CREEK @ CROSS CREEK ROAD

Station: SAM00061 Parameter Code: 00937

POTASSIUM, TOTAL MG/L AS K)

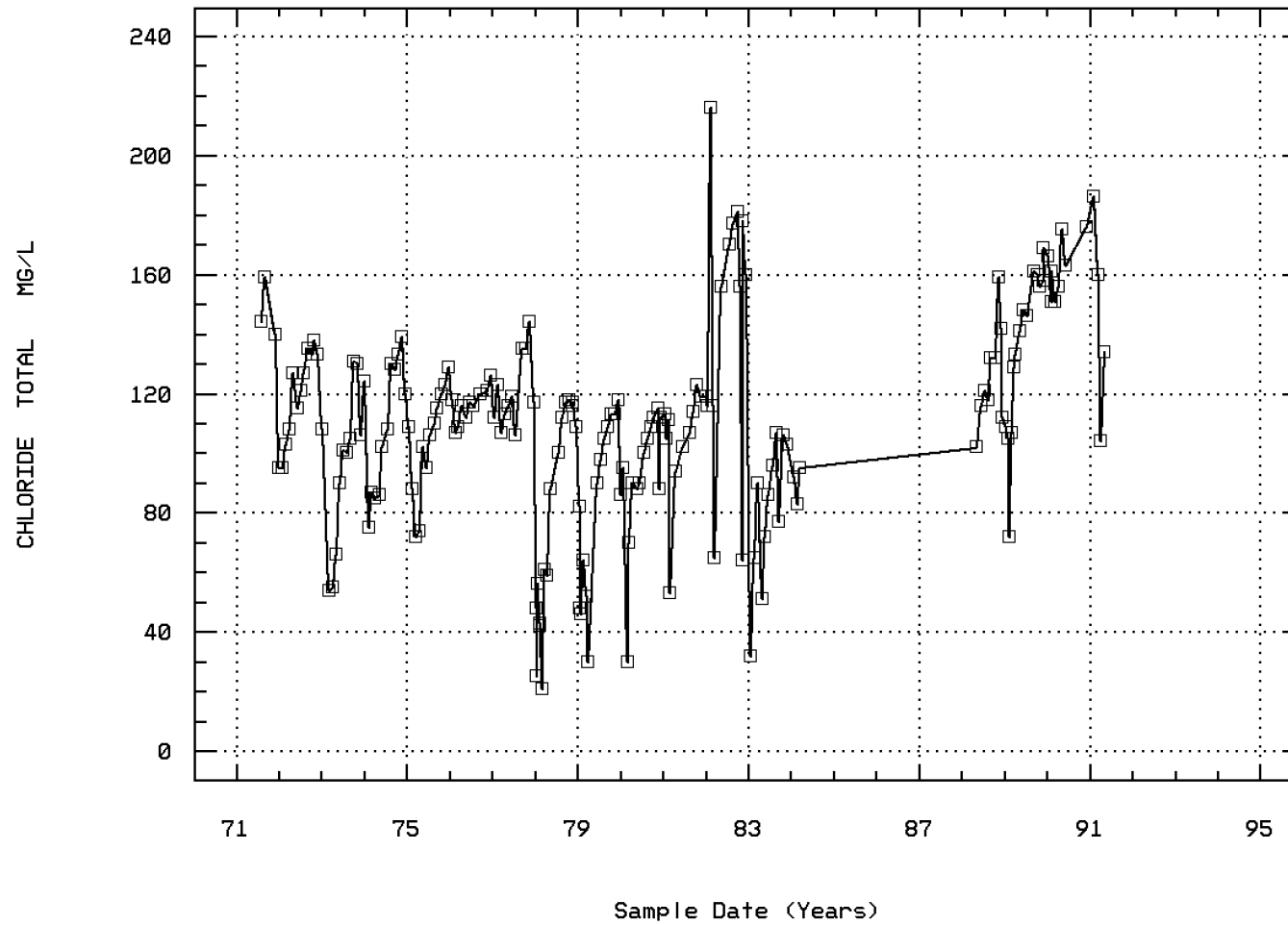


MALIBU CREEK @ CROSS CREEK ROAD



Station: SAM00061 Parameter Code: 00940

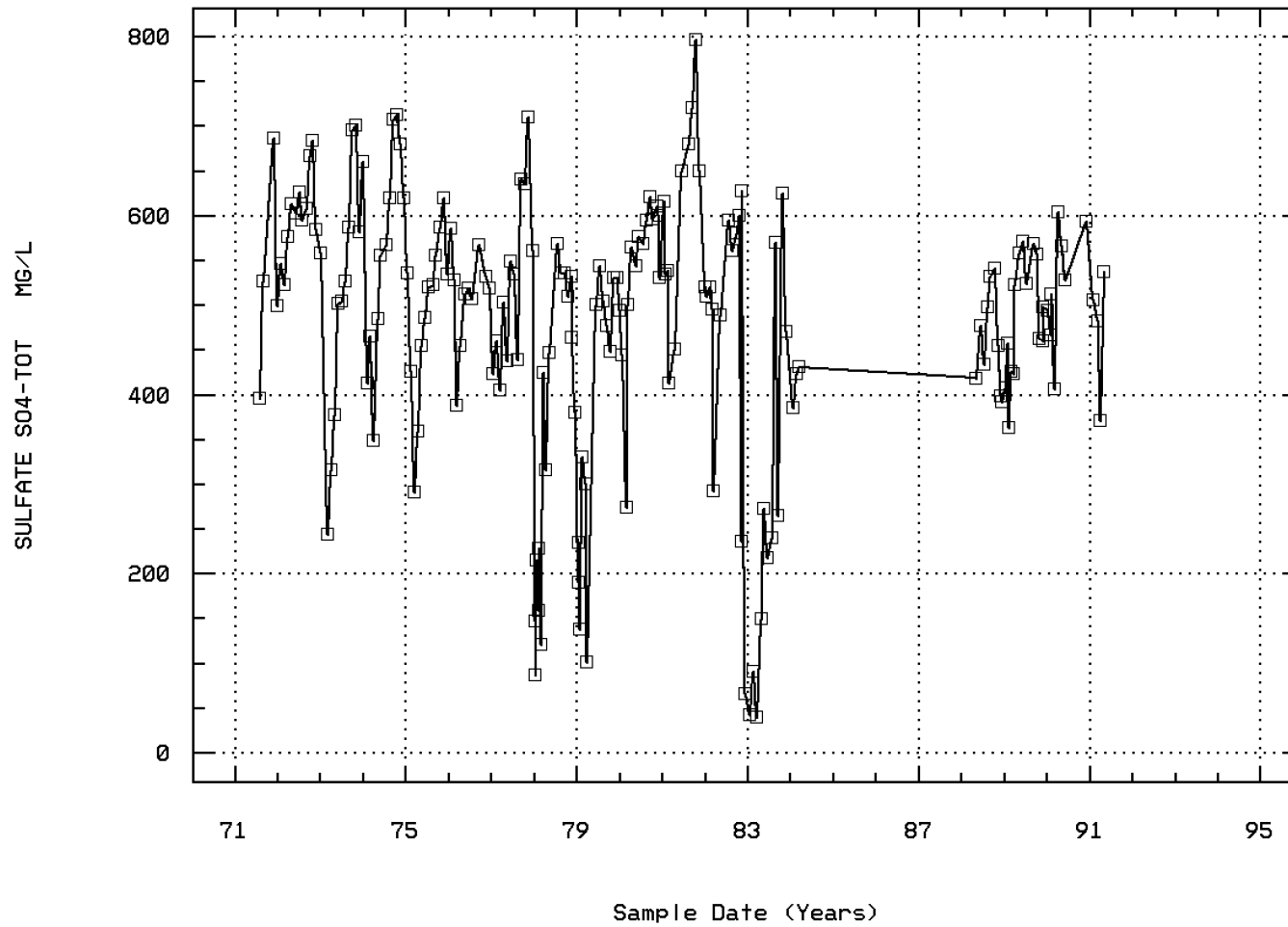
CHLORIDE, TOTAL IN WATER



MALIBU CREEK @ CROSS CREEK ROAD

Station: SAM00061 Parameter Code: 00945

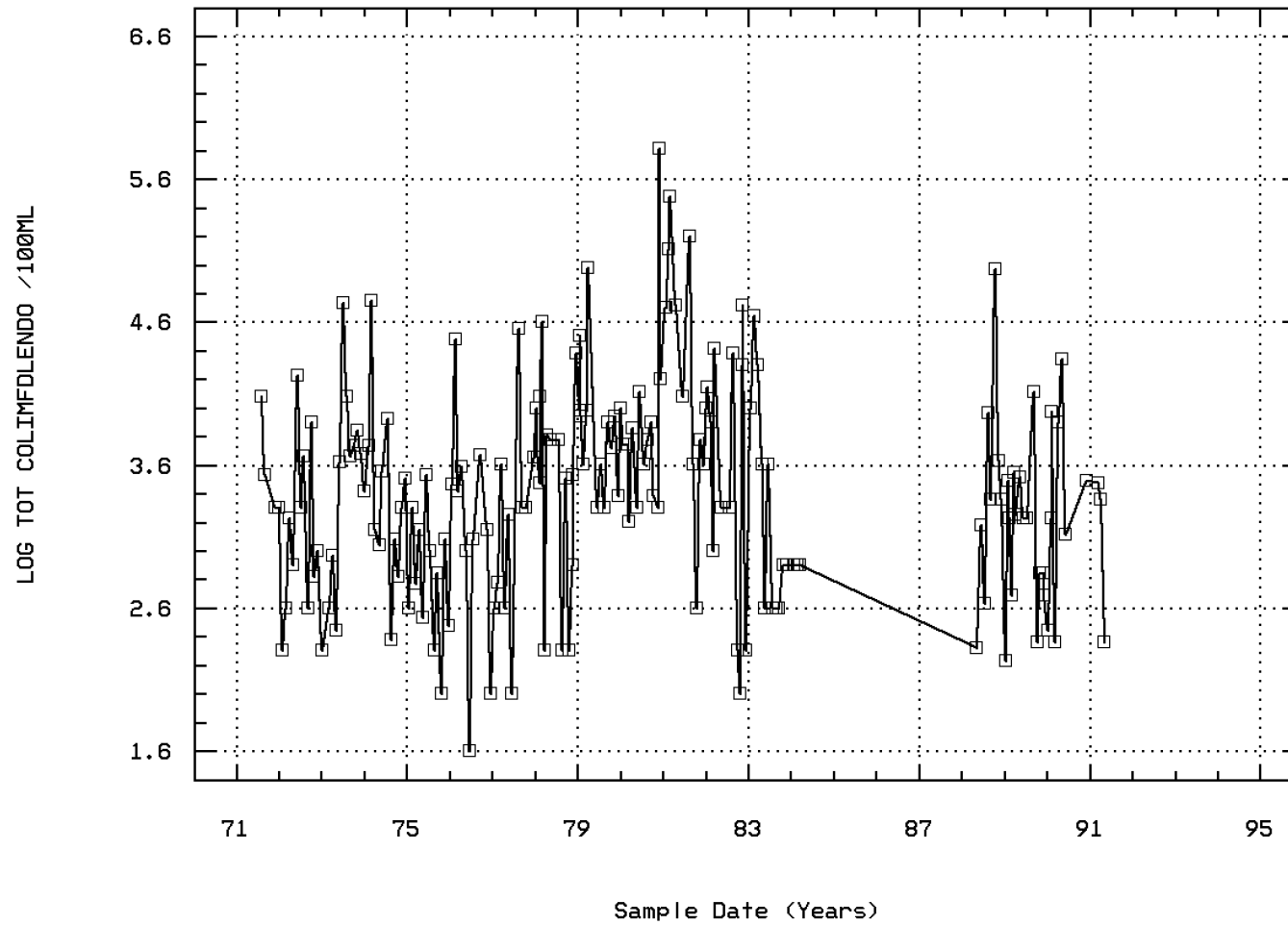
SULFATE, TOTAL (MG/L AS SO4)



MALIBU CREEK @ CROSS CREEK ROAD

Station: SAM00061 Parameter Code: 31503

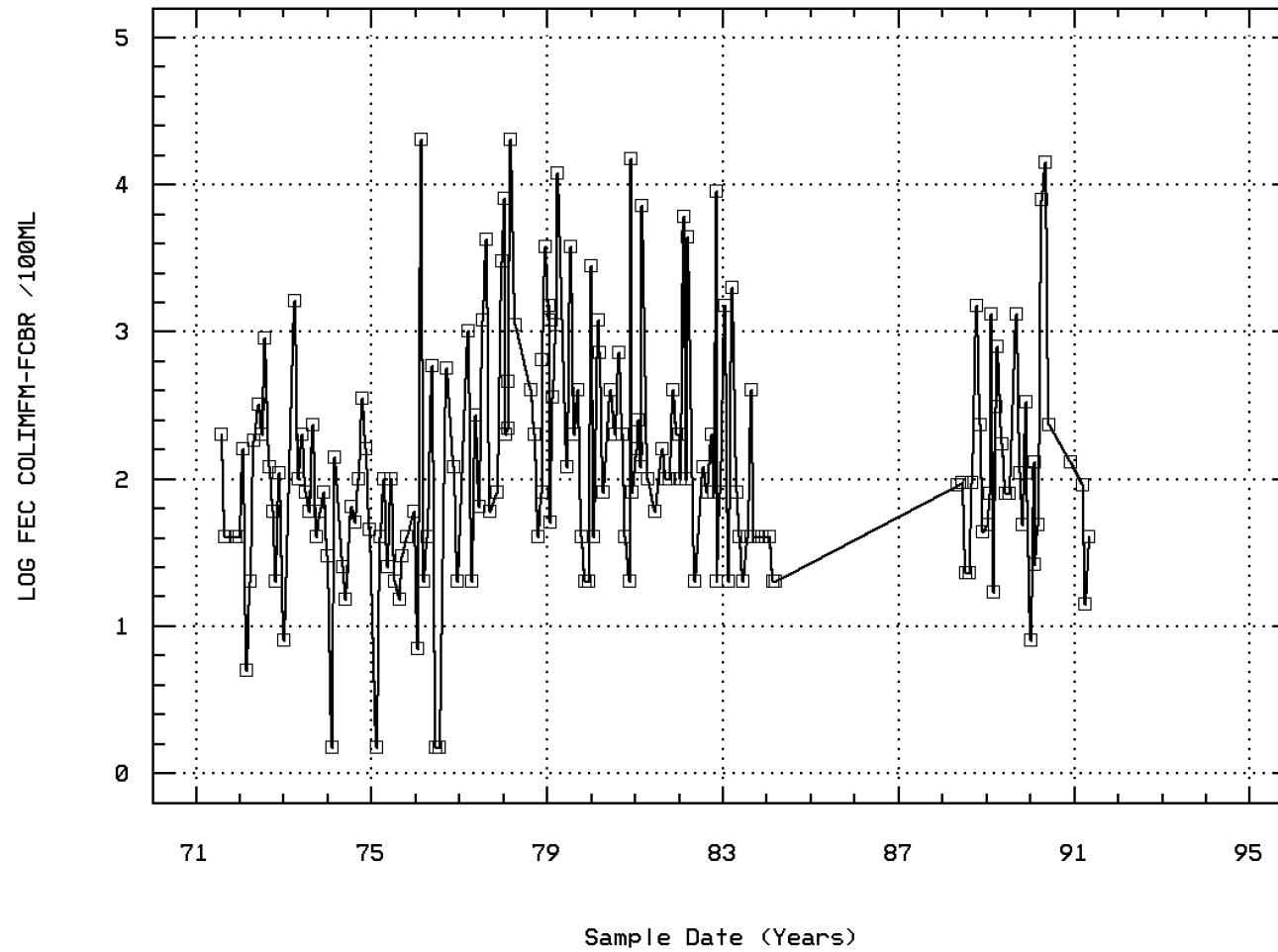
LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M



MALIBU CREEK @ CROSS CREEK ROAD

Station: SAM00061 Parameter Code: 31616

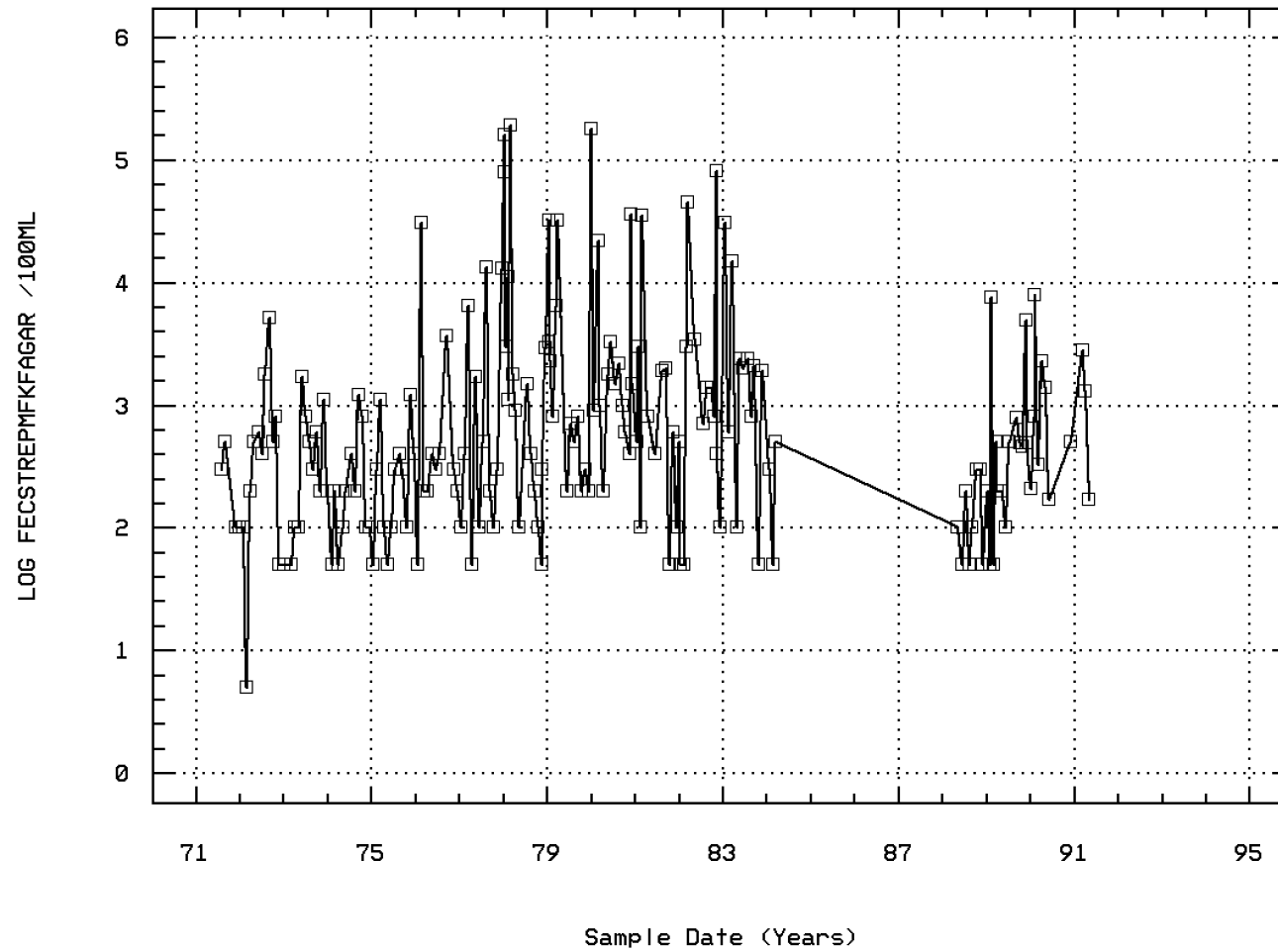
LOG FECAL COLIFORM, MEMBR FILTER, M-FC BR



MALIBU CREEK @ CROSS CREEK ROAD

Station: SAM00061 Parameter Code: 31673

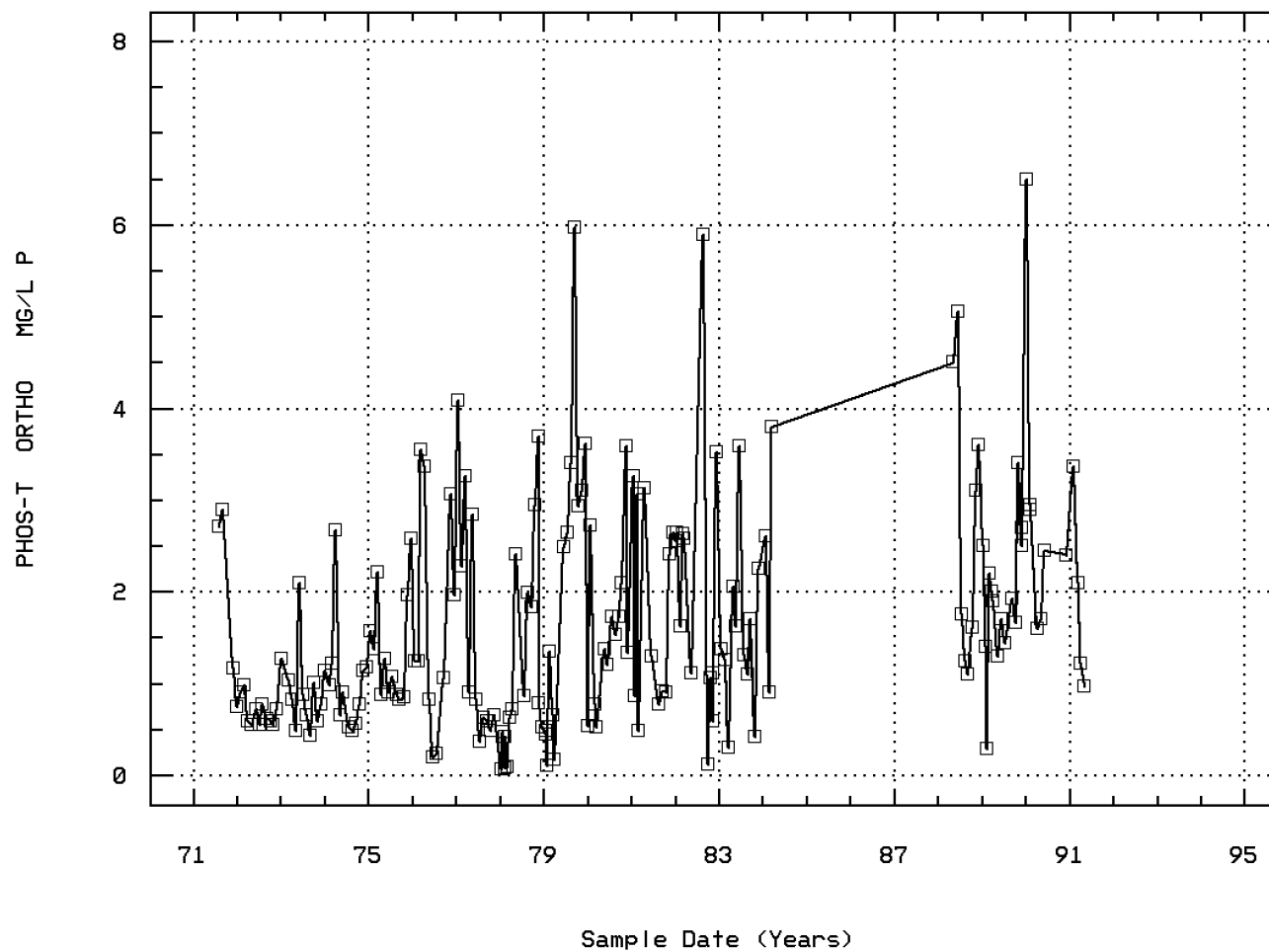
LOG FECAL STREPTOCOCCI, MBR FILT,KF AGA



MALIBU CREEK @ CROSS CREEK ROAD

Station: SAM00061 Parameter Code: 70507

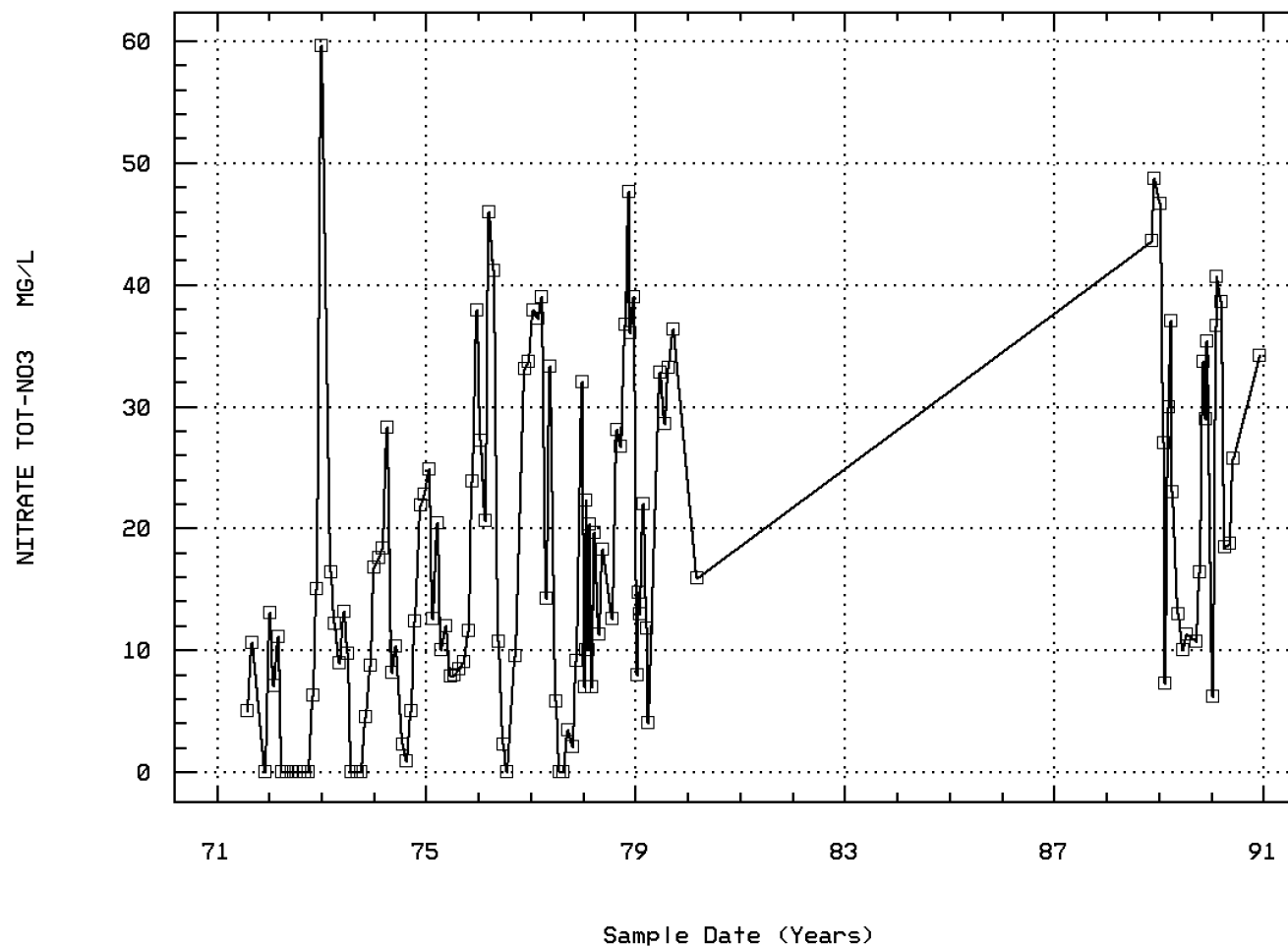
PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/



MALIBU CREEK @ CROSS CREEK ROAD

Station: SAM00061 Parameter Code: 71850

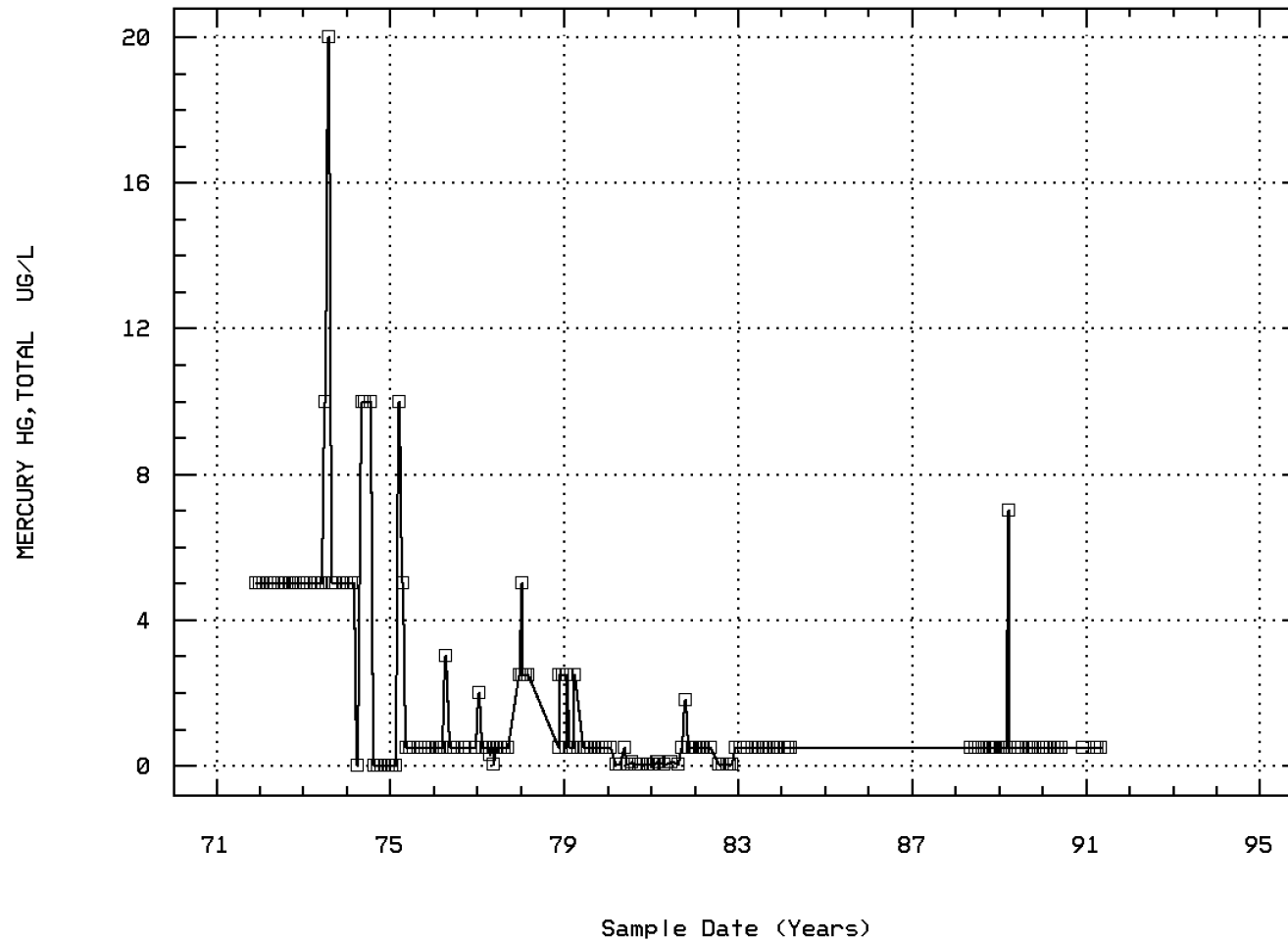
NITRATE NITROGEN, TOTAL (MG/L AS NO3)



MALIBU CREEK @ CROSS CREEK ROAD

Station: SAM00061 Parameter Code: 71900

MERCURY, TOTAL (UG/L AS HG)



MALIBU CREEK @ CROSS CREEK ROAD



### Annual Analysis for 1971 - Station SAMO0061

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/07/71-11/16/79	1	5.6	5.6	5.6	5.6	0.	0.	**	**	**
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/07/71-05/02/91	1	42.	42.	42.	42.	0.	0.	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/04/71-05/02/91	3	1830.	1876.667	1990.	1810.	9733.333	98.658	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	08/04/71-03/21/84	3	3.8	5.533	10.4	2.4	18.253	4.272	**	**	**
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/04/71-04/03/91	3	4.	4.333	6.	3.	2.333	1.528	**	**	**
00340p	COD, .25N K2CR2O7 MG/L	08/04/71-03/21/84	3	5.	39.667	111.	3.	3817.333	61.785	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	08/04/71-05/02/91	3	7.5	7.633	8.3	7.1	0.373	0.611	**	**	**
00403p	CONVERTED PH, LAB, STANDARD UNITS	08/04/71-05/02/91	3	7.5	7.412	8.3	7.1	0.447	0.668	**	**	**
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/71-05/02/91	3	0.032	0.039	0.079	0.005	0.001	0.038	**	**	**
00440p	BICARBONATE ION (MG/L AS HCO3)	08/04/71-05/02/91	3	333.	341.333	371.	320.	702.333	26.502	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/04/71-09/19/77	3	0.	0.	0.	0.	0.	0.	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/04/71-11/16/79	3	0.	0.053	0.16	0.	0.009	0.092	**	**	**
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/04/71-05/02/91	3	1.13	1.173	2.39	0.	1.429	1.196	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CaCO3)	08/04/71-05/02/91	3	597.	636.	813.	498.	25947.	161.081	**	**	**
00916p	CALCIUM, TOTAL (MG/L AS Ca)	08/04/71-05/02/91	3	136.	140.667	178.	108.	1241.333	35.233	**	**	**
00927p	MAGNESIUM, TOTAL (MG/L AS MG)	08/04/71-05/02/91	3	63.	69.667	90.	56.	322.333	17.954	**	**	**
00929p	SODIUM, TOTAL (MG/L AS Na)	08/04/71-05/02/91	3	182.	187.667	199.	182.	96.333	9.815	**	**	**
00937p	POTASSIUM, TOTAL MG/L AS K)	08/04/71-05/02/91	3	5.	5.	6.	4.	1.	1.	**	**	**
00940p	CHLORIDE, TOTAL IN WATER MG/L	08/04/71-05/02/91	3	144.	147.667	159.	140.	100.333	10.017	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	08/04/71-05/02/91	3	526.	536.	686.	396.	21100.	145.258	**	**	**
31503p	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	08/04/71-05/02/91	3	3400.	5800.	12000.	2000.	29320000.	5414.795	**	**	**
31503p	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	08/04/71-05/02/91	3	3.531	3.637	4.079	3.301	0.16	0.4	**	**	**
31503p	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	08/04/71-05/02/91	3		4337.406					**	**	**
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/04/71-05/02/91	3	40.	93.333	200.	40.	8533.333	92.376	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/04/71-05/02/91	3	1.602	1.835	2.301	1.602	0.163	0.404	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/04/71-05/02/91	3		68.399					**	**	**
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/04/71-05/02/91	3	300.	300.	500.	100.	40000.	200.	**	**	**
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/04/71-05/02/91	3	2.477	2.392	2.699	2.	0.128	0.357	**	**	**
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/04/71-05/02/91	3		246.621					**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/04/71-10/17/77	3	1428.	1438.333	1650.	1237.	42722.333	206.694	**	**	**
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/04/71-05/02/91	3	2.71	2.26	2.9	1.17	0.9	0.949	**	**	**
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	08/04/71-12/05/90	3	5.	5.2	10.6	0.	28.12	5.303	**	**	**
71900p	MERCURY, TOTAL (UG/L AS HG)	12/07/71-05/02/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**

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### Annual Analysis for 1972 - Station SAMO0061

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/07/71-11/16/79	10	13.3	12.38	20.	3.3	34.457	5.87	3.3	7.5	16.8
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/07/71-05/02/91	10	56.	54.3	68.	38.	111.344	10.552	38.	45.5	62.25
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/04/71-05/02/91	12	1865.	1887.5	2140.	1570.	24602.273	156.851	1606.	1832.5	2030.
00300p	OXYGEN, DISSOLVED MG/L	08/04/71-03/21/84	12	7.15	6.95	14.1	1.6	15.423	3.927	1.9	3.225	8.75
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/04/71-04/03/91	12	2.5	2.583	5.	1.	1.72	1.311	1.	1.25	3.75
00340p	COD, .25N K2CR2O7 MG/L	08/04/71-03/21/84	12	11.	16.	46.	4.	191.091	13.824	4.6	7.25	19.5
00403p	PH, LAB, STANDARD UNITS SU	08/04/71-05/02/91	12	8.2	8.175	8.4	7.8	0.031	0.176	7.83	8.1	8.3
00403p	CONVERTED PH, LAB, STANDARD UNITS	08/04/71-05/02/91	12	8.2	8.138	8.4	7.8	0.033	0.181	7.83	8.1	8.3
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/71-05/02/91	12	0.006	0.007	0.016	0.004	0.	0.004	0.004	0.005	0.008
00440p	BICARBONATE ION (MG/L AS HCO3)	08/04/71-05/02/91	12	411.	394.583	431.	324.	1491.174	38.616	329.1	350.	425.
00445	CARBONATE ION (MG/L AS CO3)	08/04/71-09/19/77	12	0.	2.25	27.	0.	60.75	7.794	0.	0.	0.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/04/71-11/16/79	12	0.	0.	0.	0.	0.	0.	0.	0.	0.
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/04/71-05/02/91	12	0.	0.99	3.39	0.	1.761	1.327	0.	0.	2.283
00900p	HARDNESS, TOTAL (MG/L AS CaCO3)	08/04/71-05/02/91	12	759.	742.333	851.	621.	4688.606	68.473	624.3	689.75	778.5
00916p	CALCIUM, TOTAL (MG/L AS Ca)	08/04/71-05/02/91	12	163.5	161.333	186.	135.	182.788	13.52	138.6	149.25	169.25
00927p	MAGNESIUM, TOTAL (MG/L AS MG)	08/04/71-05/02/91	12	85.	82.083	93.	64.	78.629	8.867	65.2	76.75	87.75
00929p	SODIUM, TOTAL (MG/L AS Na)	08/04/71-05/02/91	12	170.	168.25	202.	138.	253.841	15.932	142.2	157.25	176.
00937p	POTASSIUM, TOTAL MG/L AS K)	08/04/71-05/02/91	12	4.	4.	5.	3.	0.545	0.739	3.	3.25	4.75

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### Annual Analysis for 1972 - Station SAMO0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00940p	CHLORIDE,TOTAL IN WATER MG/L	08/04/71-05/02/91	12	124.	119.167	138.	95.	244.152	15.625	95.	104.25	133.	137.1
00945p	SULFATE, TOTAL (MG/L AS SO4)	08/04/71-05/02/91	12	598.5	593.5	684.	499.	2894.455	53.8	506.2	553.5	622.75	678.9
31503p	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	08/04/71-05/02/91	12	1350.	3230.	17000.	200.	23844618.182	4883.095	260.	465.	3950.	14300.
31503p	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	08/04/71-05/02/91	12	3.115	3.155	4.23	2.301	0.324	0.569	2.391	2.656	3.572	4.132
31503p	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			1427.959								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/04/71-05/02/91	12	115.	177.917	900.	5.	60279.356	245.519	9.5	25.	195.	726.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/04/71-05/02/91	12	2.06	1.918	2.954	0.699	0.379	0.616	0.88	1.376	2.29	2.82
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			82.884								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/04/71-05/02/91	12	450.	846.25	5100.	5.	2034441.477	1426.338	18.5	100.	750.	4110.
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/04/71-05/02/91	12	2.651	2.445	3.708	0.699	0.613	0.783	0.999	2.	2.872	3.572
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			278.775								
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/04/71-10/17/77	12	1550.	1532.25	1710.	1280.	16014.932	126.55	1304.	1444.5	1600.5	1704.
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/04/71-05/02/91	12	0.67	0.692	0.98	0.55	0.021	0.144	0.55	0.56	0.765	0.959
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	08/04/71-12/05/90	12	0.	4.383	15.	0.	34.487	5.873	0.	0.	10.1	14.43
71900p	MERCURY, TOTAL (UG/L AS HG)	12/07/71-05/02/91	12 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.

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### Annual Analysis for 1973 - Station SAMO0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/07/71-11/16/79	12	13.9	13.9	18.3	6.7	16.031	4.004	7.03	11.7	17.8	18.3
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/07/71-05/02/91	12	57.	57.	65.	44.	52.364	7.236	44.6	53.	64.	65.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/04/71-05/02/91	12	1715.	1622.333	2200.	873.	189651.697	435.49	891.6	1310.	1960.	2188.
00300p	OXYGEN, DISSOLVED MG/L	08/04/71-03/21/84	12	6.95	6.767	11.4	1.5	9.682	3.112	1.95	3.85	9.575	11.04
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/04/71-04/03/91	11	2.	2.909	14.	1.	14.291	3.78	1.	1.	3.	11.8
00340p	COD, .25N K2CR2O7 MG/L	08/04/71-03/21/84	11	10.	11.818	31.	2.	71.164	8.436	2.	8.	15.	29.2
00403p	PH, LAB, STANDARD UNITS SU	08/04/71-05/02/91	12	8.15	8.192	8.5	7.9	0.03	0.173	7.93	8.1	8.3	8.47
00403p	CONVERTED PH, LAB, STANDARD UNITS	08/04/71-05/02/91	12	8.147	8.161	8.5	7.9	0.031	0.176	7.93	8.1	8.3	8.47
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/71-05/02/91	12	0.007	0.007	0.013	0.003	0.	0.003	0.003	0.005	0.008	0.012
00440p	BICARBONATE ION (MG/L AS HCO3)	08/04/71-05/02/91	11	379.	372.727	421.	276.	1690.618	41.117	285.	367.	395.	418.6
00445	CARBONATE ION (MG/L AS CO3)	08/04/71-09/19/77	11	0.	2.091	19.	0.	32.891	5.735	0.	0.	0.	16.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/04/71-11/16/79	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/04/71-05/02/91	11	2.01	2.735	13.46	0.	14.281	3.779	0.	0.	2.98	11.508
00900p	HARDNESS, TOTAL (MG/L AS CaCO3)	08/04/71-05/02/91	11	704.	683.	891.	394.	23374.4	152.887	411.2	558.	776.	885.8
00916p	CALCIUM, TOTAL (MG/L AS Ca)	08/04/71-05/02/91	11	153.	152.209	245.	84.	1771.961	42.095	88.8	121.	165.	233.4
00927p	MAGNESIUM, TOTAL (MG/L AS MG)	08/04/71-05/02/91	11	74.	73.491	96.	45.	269.731	16.423	46.2	62.	84.4	95.8
00929p	SODIUM, TOTAL (MG/L AS Na)	08/04/71-05/02/91	11	147.	137.909	180.	80.	1041.891	32.278	81.8	113.	159.	178.6
00937p	POTASSIUM, TOTAL MG/L AS K)	08/04/71-05/02/91	11	4.	3.909	5.	3.	0.491	0.701	3.	3.	4.	5.
00940p	CHLORIDE,TOTAL IN WATER MG/L	08/04/71-05/02/91	11	101.	95.091	131.	54.	711.891	26.681	54.2	66.	108.	130.8
00945p	SULFATE, TOTAL (MG/L AS SO4)	08/04/71-05/02/91	11	527.	508.091	700.	244.	21043.491	145.064	258.2	377.	587.	699.
31503p	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	08/04/71-05/02/91	11	4600.	8527.273	54000.	200.	240126661.818	15496.021	216.	400.	7000.	45600.
31503p	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	08/04/71-05/02/91	11	3.663	3.425	4.732	2.301	0.568	0.754	2.33	2.602	3.845	4.602
31503p	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			2658.137								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/04/71-05/02/91	11	80.	224.364	1600.	8.	213093.455	461.62	8.4	40.	200.	1326.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/04/71-05/02/91	11	1.903	1.885	3.204	0.903	0.4	0.633	0.922	1.602	2.301	3.036
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			76.728								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/04/71-05/02/91	11	300.	500.	1700.	50.	275500.	524.881	50.	100.	800.	1580.
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/04/71-05/02/91	11	2.477	2.439	3.23	1.699	0.289	0.537	1.699	2.	2.903	3.193
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			274.74								
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/04/71-10/17/77	11	1370.	1346.455	1740.	810.	82898.673	287.921	839.4	1130.	1524.	1734.
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/04/71-05/02/91	11	0.82	0.914	2.09	0.43	0.215	0.464	0.442	0.59	1.04	1.926
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	08/04/71-12/05/90	11	8.9	12.109	59.6	0.	280.051	16.735	0.	0.	13.2	50.96
71900p	MERCURY, TOTAL (UG/L AS HG)	12/07/71-05/02/91	10 ##	5.	7.	20.	5.	23.333	4.83	5.	5.	6.25	19.

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### Annual Analysis for 1974 - Station SAMO0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/07/71-11/16/79	12	15.3	13.508	18.3	5.	19.288	4.392	6.17	9.325	17.65	18.15
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/07/71-05/02/91	12	59.5	56.292	65.	41.	62.566	7.91	43.1	48.75	63.75	64.7
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/04/71-05/02/91	12	1890.	1852.5	2170.	1370.	71929.545	268.197	1412.	1622.5	2075.	2164.
00300p	OXYGEN, DISSOLVED MG/L	08/04/71-03/21/84	12	5.65	6.3	10.8	0.8	12.94	3.597	1.19	2.775	10.125	10.74
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/04/71-04/03/91	12	3.	3.75	10.	1.	6.75	2.598	1.3	2.	5.	9.1
00340p	COD, .25N K2CR2O7 MG/L	08/04/71-03/21/84	11	9.	12.364	38.	2.	93.855	9.688	2.4	7.	16.	33.6
00403p	PH, LAB, STANDARD UNITS SU	08/04/71-05/02/91	12	8.	7.992	8.5	7.5	0.097	0.312	7.53	7.725	8.25	8.47
00403p	CONVERTED PH, LAB, STANDARD UNITS	08/04/71-05/02/91	12	8.	7.894	8.5	7.5	0.108	0.328	7.53	7.725	8.25	8.47
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/71-05/02/91	12	0.01	0.013	0.032	0.003	0.	0.009	0.003	0.006	0.019	0.03
00440p	BICARBONATE ION (MG/L AS HCO3)	08/04/71-05/02/91	12	368.5	361.75	410.	300.	1201.114	34.657	301.2	340.	386.5	407.
00445	CARBONATE ION (MG/L AS CO3)	08/04/71-09/19/77	12	0.	2.417	21.	0.	39.538	6.288	0.	0.	0.	17.1
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/04/71-11/16/79	12	0.	0.423	5.08	0.	2.151	1.466	0.	0.	0.	3.556
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/04/71-05/02/91	12	3.295	3.119	6.51	0.2	3.905	1.976	0.296	1.31	4.77	6.102
00900p	HARDNESS, TOTAL (MG/L AS CaCO3)	08/04/71-05/02/91	12	752.5	729.417	876.	490.	16109.174	126.922	515.8	614.25	848.25	873.3
00916p	CALCIUM, TOTAL (MG/L AS Ca)	08/04/71-05/02/91	12	160.5	157.8	194.	105.6	875.753	29.593	110.82	133.5	187.	193.7
00927p	MAGNESIUM, TOTAL (MG/L AS MG)	08/04/71-05/02/91	12	87.85	81.517	97.7	55.	177.303	13.316	58.06	68.575	91.55	96.2
00929p	SODIUM, TOTAL (MG/L AS Na)	08/04/71-05/02/91	12	158.5	151.808	181.	117.2	507.35	22.524	118.04	127.	170.125	179.8
00937p	POTASSIUM, TOTAL MG/L AS K)	08/04/71-05/02/91	12	4.65	4.4	5.6	2.3	0.829	0.911	2.63	3.875	4.8	5.57
00940p	CHLORIDE,TOTAL IN WATER MG/L	08/04/71-05/02/91	12	114.	109.75	139.	75.	492.023	22.182	78.	86.25	129.5	137.2
00945p	SULFATE, TOTAL (MG/L AS SO4)	08/04/71-05/02/91	12	593.	569.083	712.	348.	14241.538	119.338	367.2	470.	675.	710.5
31503p	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	08/04/71-05/02/91	12	2300.	7150.	56000.	240.	241937563.636	15554.342	366.	1125.	4950.	41720.
31503p	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	08/04/71-05/02/91	12	3.358	3.387	4.748	2.38	0.356	0.597	2.512	3.051	3.688	4.501
31503p	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35				2440.045								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/04/71-05/02/91	12	47.5	82.625	350.	1.5	9670.869	98.341	4.05	17.5	130.	293.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/04/71-05/02/91	12	1.676	1.607	2.544	0.176	0.4	0.632	0.423	1.232	2.11	2.442
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C				40.478								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/04/71-05/02/91	12	200.	300.	1200.	50.	123181.818	350.973	50.	100.	350.	1080.
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/04/71-05/02/91	12	2.301	2.266	3.079	1.699	0.185	0.431	1.699	2.	2.527	3.026
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR				184.303								
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/04/71-10/17/77	12	1560.	1491.667	1810.	1060.	60469.697	245.906	1090.	1265.	1710.	1786.
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/04/71-05/02/91	12	0.945	1.021	2.67	0.49	0.342	0.585	0.499	0.59	1.17	2.235
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	08/04/71-12/05/90	12	14.6	13.742	28.3	0.9	74.826	8.65	1.32	5.8	21.025	26.65
71900p	MERCURY, TOTAL (UG/L AS HG)	12/07/71-05/02/91	12	2.5	3.75	10.	0.	18.75	4.33	0.	0.	8.75	10.

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### Annual Analysis for 1975 - Station SAMO0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/07/71-11/16/79	12	12.8	13.65	21.1	7.2	27.83	5.275	7.2	9.4	18.3	20.95
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/07/71-05/02/91	12	55.	56.583	70.	45.	89.72	9.472	45.	49.	65.	69.7
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/04/71-05/02/91	12	1760.	1704.167	2050.	1190.	62699.242	250.398	1262.	1497.5	1880.	2029.
00300p	OXYGEN, DISSOLVED MG/L	08/04/71-03/21/84	12	7.85	7.133	9.8	3.1	5.808	2.41	3.1	4.825	8.925	9.74
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/04/71-04/03/91	11	4.	4.455	7.	2.	3.473	1.864	2.	3.	7.	7.
00340p	COD, .25N K2CR2O7 MG/L	08/04/71-03/21/84	12	18.	20.167	41.	8.	113.242	10.642	8.9	12.	24.	40.7
00403p	PH, LAB, STANDARD UNITS SU	08/04/71-05/02/91	12	8.3	8.175	8.6	7.5	0.098	0.314	7.59	7.95	8.375	8.57
00403p	CONVERTED PH, LAB, STANDARD UNITS	08/04/71-05/02/91	12	8.3	8.055	8.6	7.5	0.114	0.338	7.59	7.95	8.375	8.57
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/71-05/02/91	12	0.005	0.009	0.032	0.003	0.	0.008	0.003	0.004	0.011	0.027
00440p	BICARBONATE ION (MG/L AS HCO3)	08/04/71-05/02/91	12	331.	336.667	386.	248.	1469.152	38.33	266.9	316.5	374.25	384.2
00445	CARBONATE ION (MG/L AS CO3)	08/04/71-09/19/77	12	0.	2.5	14.	0.	24.273	4.927	0.	0.	3.75	13.1
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/04/71-11/16/79	12	0.	0.023	0.11	0.	0.002	0.041	0.	0.	0.06	0.101
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/04/71-05/02/91	12	2.78	3.933	8.56	1.78	5.566	2.359	1.789	1.988	5.55	8.242
00900p	HARDNESS, TOTAL (MG/L AS CaCO3)	08/04/71-05/02/91	12	689.	649.75	786.	425.	11552.023	107.48	451.1	576.25	723.25	782.4
00916p	CALCIUM, TOTAL (MG/L AS Ca)	08/04/71-05/02/91	12	147.	142.058	177.	89.7	733.841	27.089	93.99	122.75	162.75	176.1
00927p	MAGNESIUM, TOTAL (MG/L AS MG)	08/04/71-05/02/91	12	73.75	71.808	86.4	49.	105.543	10.273	52.57	65.65	78.925	84.78
00929p	SODIUM, TOTAL (MG/L AS Na)	08/04/71-05/02/91	12	142.5	135.392	163.	96.7	436.186	20.885	98.59	118.	151.5	159.7
00937p	POTASSIUM, TOTAL MG/L AS K)	08/04/71-05/02/91	12	3.8	4.158	6.4	3.1	1.055	1.027	3.13	3.275	4.775	6.16

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### Annual Analysis for 1975 - Station SAMO0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00940p	CHLORIDE,TOTAL IN WATER MG/L	08/04/71-05/02/91	12	107.5	103.583	129.	72.	335.538	18.318	72.6	89.75	118.75	127.2
00945p	SULFATE, TOTAL (MG/L AS SO4)	08/04/71-05/02/91	12	521.	490.667	619.	291.	8934.606	94.523	311.4	432.5	550.25	609.1
31503p	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	08/04/71-05/02/91	12	645.	969.167	3400.	100.	903844.697	950.707	130.	310.	1350.	2980.
31503p	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	08/04/71-05/02/91	12	2.808	2.799	3.531	2.	0.194	0.44	2.09	2.491	3.129	3.462
31503p	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35				629.199								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/04/71-05/02/91	12	27.5	37.625	100.	1.5	1105.869	33.255	4.05	11.25	55.	100.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/04/71-05/02/91	12	1.438	1.376	2.	0.176	0.257	0.506	0.423	1.044	1.734	2.
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C				23.762								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/04/71-05/02/91	12	300.	366.667	1200.	50.	151060.606	388.665	50.	100.	400.	1170.
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/04/71-05/02/91	12	2.477	2.346	3.079	1.699	0.218	0.467	1.699	2.	2.602	3.068
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR				221.905								
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/04/71-10/17/77	12	1377.	1306.	1547.	890.	39380.364	198.445	934.1	1169.	1448.25	1538.9
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/04/71-05/02/91	12	1.175	1.366	2.58	0.82	0.358	0.598	0.829	0.88	1.863	2.472
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	08/04/71-12/05/90	12	11.8	15.55	37.9	7.9	86.743	9.314	7.93	8.625	23.025	33.97
71900p	MERCURY, TOTAL (UG/L AS HG)	12/07/71-05/02/91	11 ##	0.5	1.682	10.	0.	9.564	3.093	0.	0.5	0.5	9.

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### Annual Analysis for 1976 - Station SAMO0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/07/71-11/16/79	10	14.45	15.89	29.4	8.3	31.934	5.651	8.75	13.175	17.225	28.52
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/07/71-05/02/91	10	58.	60.6	85.	47.	103.6	10.178	47.8	55.75	63.	83.4
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/04/71-05/02/91	10	1720.	1768.	2160.	1540.	29151.111	170.737	1549.	1660.	1845.	2130.
00300p	OXYGEN, DISSOLVED MG/L	08/04/71-03/21/84	10	6.9	9.69	24.3	4.4	35.783	5.982	4.57	6.175	12.375	23.34
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/04/71-04/03/91	10	2.	2.1	4.	1.	0.989	0.994	1.	1.	3.	3.9
00340p	COD, .25N K2CR2O7 MG/L	08/04/71-03/21/84	10	20.5	21.5	39.	11.	54.944	7.412	11.4	18.	23.5	37.6
00403p	PH, LAB, STANDARD UNITS SU	08/04/71-05/02/91	10	8.	8.09	8.8	7.7	0.108	0.328	7.71	7.875	8.2	8.77
00403p	CONVERTED PH, LAB, STANDARD UNITS	08/04/71-05/02/91	10	8.	8.004	8.8	7.7	0.116	0.34	7.71	7.875	8.2	8.77
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/71-05/02/91	10	0.01	0.01	0.02	0.002	0.	0.005	0.002	0.007	0.013	0.02
00440p	BICARBONATE ION (MG/L AS HCO3)	08/04/71-05/02/91	10	319.	310.3	369.	232.	2214.456	47.058	234.1	265.75	352.	367.3
00445	CARBONATE ION (MG/L AS CO3)	08/04/71-09/19/77	10	0.	0.4	4.	0.	1.6	1.265	0.	0.	0.	3.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/04/71-11/16/79	10	0.225	0.228	0.6	0.	0.034	0.186	0.	0.06	0.363	0.577
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/04/71-05/02/91	10	5.395	5.064	10.39	0.	13.507	3.675	0.052	1.743	8.028	10.279
00900p	HARDNESS, TOTAL (MG/L AS CaCO3)	08/04/71-05/02/91	10	674.5	660.3	774.	512.	5754.456	75.858	519.6	597.	709.5	769.8
00916p	CALCIUM, TOTAL (MG/L AS Ca)	08/04/71-05/02/91	10	145.5	139.9	174.	99.	626.989	25.04	100.4	116.	160.	172.9
00927p	MAGNESIUM, TOTAL (MG/L AS MG)	08/04/71-05/02/91	10	75.65	75.14	99.	55.8	126.865	11.263	56.86	68.725	79.6	97.33
00929p	SODIUM, TOTAL (MG/L AS Na)	08/04/71-05/02/91	10	140.	141.2	153.	128.	74.178	8.613	128.3	134.	150.25	152.8
00937p	POTASSIUM, TOTAL MG/L AS K)	08/04/71-05/02/91	10	4.4	4.3	6.8	2.6	2.12	1.456	2.6	2.75	5.175	6.75
00940p	CHLORIDE,TOTAL IN WATER MG/L	08/04/71-05/02/91	10	116.5	116.2	126.	107.	32.4	5.692	107.2	111.25	120.25	125.5
00945p	SULFATE, TOTAL (MG/L AS SO4)	08/04/71-05/02/91	10	518.5	511.	585.	388.	3077.333	55.474	394.7	494.	540.	583.2
31503p	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	08/04/71-05/02/91	10	2000.	4784.	30000.	40.	80890560.	8993.918	46.	775.	4100.	27470.
31503p	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	08/04/71-05/02/91	10	3.281	3.145	4.477	1.602	0.682	0.826	1.642	2.75	3.611	4.397
31503p	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			1394.769								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/04/71-05/02/91	10	30.	2135.	20000.	1.5	39453844.833	6281.23	1.5	5.625	565.	18058.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/04/71-05/02/91	10	1.452	1.729	4.301	0.176	1.648	1.284	0.176	0.678	2.752	4.147
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			53.62								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/04/71-05/02/91	10	300.	3655.	30800.	50.	92151361.111	9599.55	65.	200.	1225.	28090.
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/04/71-05/02/91	10	2.477	2.682	4.489	1.699	0.616	0.785	1.759	2.301	2.844	4.397
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			480.527								
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/04/71-10/17/77	10	1347.	1325.7	1499.	1089.	14541.344	120.587	1102.5	1228.5	1397.	1495.7
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/04/71-05/02/91	10	1.24	1.674	3.55	0.2	1.567	1.252	0.204	0.675	3.143	3.531
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	08/04/71-12/05/90	10	23.9	22.42	46.	0.	264.908	16.276	0.23	7.7	35.55	45.51
71900p	MERCURY, TOTAL (UG/L AS HG)	12/07/71-05/02/91	10 ##	0.5	0.8	3.	0.5	0.622	0.789	0.5	0.5	0.625	2.8

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### Annual Analysis for 1977 - Station SAMO0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/07/71-11/16/79	11	13.9	14.455	21.7	7.2	12.191	3.492	8.32	12.8	16.1	20.7
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/07/71-05/02/91	11	57.	58.	71.	45.	39.2	6.261	47.	55.	61.	69.2
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/04/71-05/02/91	13	1710.	1680.308	1980.	1330.	35631.231	188.762	1398.	1540.	1800.	1980.
00300p	OXYGEN, DISSOLVED MG/L	08/04/71-03/21/84	11	7.5	8.009	17.3	3.	15.877	3.985	3.34	5.1	10.1	16.14
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/04/71-04/03/91	12	2.	3.917	15.	1.	15.902	3.988	1.	1.25	5.	12.6
00340p	COD, .25N K2CR2O7 MG/L	08/04/71-03/21/84	11	26.	28.364	51.	15.	109.255	10.452	15.8	20.	33.	49.
00403p	PH, LAB, STANDARD UNITS SU	08/04/71-05/02/91	13	8.1	8.108	8.6	7.6	0.087	0.296	7.68	7.85	8.35	8.56
00403p	CONVERTED PH, LAB, STANDARD UNITS	08/04/71-05/02/91	13	8.1	8.018	8.6	7.6	0.096	0.31	7.68	7.85	8.35	8.56
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/71-05/02/91	13	0.008	0.01	0.025	0.003	0.	0.006	0.003	0.004	0.014	0.021
00440p	BICARBONATE ION (MG/L AS HCO3)	08/04/71-05/02/91	11	287.	298.909	377.	201.	4420.091	66.484	202.	246.	376.	377.
00445	CARBONATE ION (MG/L AS CO3)	08/04/71-09/19/77	8	0.	4.625	19.	0.	73.411	8.568	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/04/71-11/16/79	12	0.085	0.1	0.217	0.039	0.004	0.06	0.039	0.043	0.149	0.209
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/04/71-05/02/91	12	2.628	4.027	8.81	0.	13.876	3.725	0.	0.548	8.18	8.735
00900p	HARDNESS, TOTAL (MG/L AS CaCO3)	08/04/71-05/02/91	4	552.	544.5	584.	490.	1788.333	42.289	**	**	**	**
00916p	CALCIUM, TOTAL (MG/L AS Ca)	08/04/71-05/02/91	4	121.5	124.25	140.	114.	126.917	11.266	**	**	**	**
00927p	MAGNESIUM, TOTAL (MG/L AS MG)	08/04/71-05/02/91	4	57.1	56.95	63.4	50.2	29.077	5.392	**	**	**	**
00929p	SODIUM, TOTAL (MG/L AS Na)	08/04/71-05/02/91	5	136.	140.6	180.	117.	560.8	23.681	**	**	**	**
00937p	POTASSIUM, TOTAL MG/L AS K)	08/04/71-05/02/91	5	5.7	7.86	19.	3.2	40.198	6.34	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	08/04/71-05/02/91	11	117.	120.636	144.	106.	153.455	12.388	106.2	112.	135.	142.2
00945p	SULFATE, TOTAL (MG/L AS SO4)	08/04/71-05/02/91	12	518.5	524.583	710.	404.	9672.265	98.348	409.7	437.5	616.5	689.
01007	BARIUM, TOTAL (UG/L AS Ba)	04/15/77-05/02/91	3	360.	340.	500.	160.	29200.	170.88	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS Cd)	04/15/77-05/02/91	3	10.	16.	30.	8.	148.	12.166	**	**	**	**
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	12/27/77-05/02/91	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/15/77-05/02/91	3	10.	12.	18.	8.	28.	5.292	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	04/15/77-05/02/91	3	40.	36.	48.	20.	208.	14.422	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	04/15/77-12/05/91	5	140.	368.	1000.	60.	155770.	394.677	**	**	**	**
01051	LEAD, TOTAL (UG/L AS Pb)	04/15/77-05/02/91	3	93.	84.333	110.	50.	956.333	30.925	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	04/15/77-05/02/91	5	44.	46.4	80.	18.	798.8	28.263	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS Ni)	04/15/77-05/02/91	3	44.	38.	55.	15.	427.	20.664	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	04/15/77-05/02/91	3	8.	8.667	10.	8.	1.333	1.155	**	**	**	**
01092	ZINC, TOTAL (UG/L AS Zn)	04/15/77-05/02/91	3	52.	48.	59.	33.	181.	13.454	**	**	**	**
31503p	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	08/04/71-05/02/91	10	1900.	5180.	36000.	100.	119539555.556	10933.415	130.	400.	4125.	32850.
31503p	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	08/04/71-05/02/91	10	3.278	3.165	4.556	2.	0.506	0.711	2.06	2.602	3.615	4.466
31503p	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			1462.574								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/04/71-05/02/91	10	175.	990.5	4200.	10.	2150746.944	1466.543	11.	50.	1650.	4080.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/04/71-05/02/91	10	2.167	2.341	3.623	1.	0.843	0.918	1.03	1.659	3.179	3.609
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			219.084								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/04/71-05/02/91	12	350.	3020.833	13400.	50.	25770662.879	5076.481	65.	100.	5225.	13280.
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/04/71-05/02/91	12	2.54	2.755	4.127	1.699	0.745	0.863	1.789	2.	3.662	4.123
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			568.398								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/15/77-05/02/91	8	1298.5	1326.5	1620.	1050.	41417.143	203.512	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/04/71-10/17/77	4	1147.	1143.25	1227.	1052.	5128.917	71.616	**	**	**	**
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/04/71-05/02/91	11	0.82	1.537	4.08	0.37	1.758	1.326	0.392	0.59	2.84	3.916
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	08/04/71-12/05/90	12	11.65	17.833	39.	0.	271.988	16.492	0.	2.425	36.225	38.67
71900p	MERCURY, TOTAL (UG/L AS Hg)	12/07/71-05/02/91	12 ##	0.5	0.737	2.5	0.05	0.529	0.727	0.125	0.5	0.5	2.35

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### Annual Analysis for 1978 - Station SAMO0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/07/71-11/16/79	13	13.9	14.185	19.4	10.	8.098	2.846	10.	12.25	16.95	18.56
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/07/71-05/02/91	13	57.	57.538	67.	50.	26.269	5.125	50.	54.	62.5	65.4
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/04/71-05/02/91	18	1465.	1273.889	1760.	451.	191784.575	437.932	537.4	888.5	1670.5	1724.
00300p	OXYGEN, DISSOLVED MG/L	08/04/71-03/21/84	10	8.8	7.93	10.1	4.2	4.833	2.199	4.22	5.825	9.475	10.09
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/04/71-04/03/91	16	2.	3.5	12.	0.	12.267	3.502	0.7	1.	5.	10.6
00340p	COD, .25N K2CR2O7 MG/L	08/04/71-03/21/84	16	22.	29.	95.	4.	692.4	26.313	6.1	12.25	27.25	89.4

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### Annual Analysis for 1978 - Station SAMO0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403p	PH, LAB, STANDARD UNITS SU	08/04/71-05/02/91	17	8.2	7.959	8.3	7.1	0.139	0.373	7.34	7.65	8.2	8.3
00403p	CONVERTED PH, LAB, STANDARD UNITS	08/04/71-05/02/91	17	8.2	7.777	8.3	7.1	0.174	0.417	7.34	7.65	8.2	8.3
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/71-05/02/91	17	0.006	0.017	0.079	0.005	0.	0.019	0.005	0.006	0.024	0.048
00440p	BICARBONATE ION (MG/L AS HCO3)	08/04/71-05/02/91	16	264.	255.813	368.	113.	5338.829	73.067	127.7	220.	321.	340.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/04/71-11/16/79	16	0.1	0.157	0.42	0.04	0.018	0.135	0.04	0.04	0.228	0.399
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/04/71-05/02/91	16	4.51	4.976	10.76	1.58	8.092	2.845	1.581	2.333	7.663	9.395
00900p	HARDNESS, TOTAL (MG/L AS CaCO3)	08/04/71-05/02/91	8	396.5	396.75	638.	106.	50737.071	225.249	**	**	**	**
00916p	CALCIUM, TOTAL (MG/L AS Ca)	08/04/71-05/02/91	8	84.5	88.5	139.	36.	2128.286	46.133	**	**	**	**
00927p	MAGNESIUM, TOTAL (MG/L AS MG)	08/04/71-05/02/91	8	47.5	44.263	70.5	16.	623.523	24.97	**	**	**	**
00929p	SODIUM, TOTAL (MG/L AS Na)	08/04/71-05/02/91	8	98.5	89.25	138.	28.	2399.071	48.98	**	**	**	**
00937p	POTASSIUM, TOTAL MG/L AS K)	08/04/71-05/02/91	8	8.	8.188	11.	5.	5.607	2.368	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	08/04/71-05/02/91	16	74.5	77.	118.	21.	1292.267	35.948	23.8	44.25	115.	117.3
00945p	SULFATE, TOTAL (MG/L AS SO4)	08/04/71-05/02/91	16	402.	354.063	568.	87.	29069.929	170.499	110.8	173.	525.5	545.6
01007	BARIUM, TOTAL (UG/L AS Ba)	04/15/77-05/02/91	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS Cd)	04/15/77-05/02/91	6 ##	15.	15.833	30.	10.	54.167	7.36	**	**	**	**
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	12/27/77-05/02/91	6 ##	2.5	8.167	25.	2.5	89.167	9.443	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/15/77-05/02/91	6 ##	10.	13.333	30.	10.	66.667	8.165	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	04/15/77-05/02/91	6 ##	10.	46.667	200.	10.	5786.667	76.07	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	04/15/77-12/05/91	16	510.	3381.25	43200.	20.	113476638.333	10652.541	90.	182.5	1220.	15340.
01051	LEAD, TOTAL (UG/L AS Pb)	04/15/77-05/02/91	6 ##	25.	29.167	50.	25.	104.167	10.206	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	04/15/77-05/02/91	16	35.	97.563	950.	5.	52599.063	229.345	8.5	12.5	70.	366.2
01067	NICKEL, TOTAL (UG/L AS Ni)	04/15/77-05/02/91	6 ##	15.	20.	50.	10.	220.	14.832	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	04/15/77-05/02/91	6 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS Zn)	04/15/77-05/02/91	6	25.	58.333	230.	5.	7306.667	85.479	**	**	**	**
31503p	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	08/04/71-05/02/91	16	5250.	8118.75	40000.	200.	108676291.667	10424.792	200.	1350.	10000.	28800.
31503p	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	08/04/71-05/02/91	16	3.716	3.525	4.602	2.301	0.517	0.719	2.301	3.047	4.	4.447
31503p	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			3348.246								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/04/71-05/02/91	14	430.	3082.143	20000.	10.	31659479.67	5626.676	25.	170.	4850.	14000.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/04/71-05/02/91	14	2.632	2.732	4.301	1.	0.887	0.942	1.301	2.202	3.661	4.102
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			539.601								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/04/71-05/02/91	16	1300.	28521.875	192000.	50.	3754351656.25	61272.764	85.	225.	9000.	170300.
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/04/71-05/02/91	16	3.109	3.243	5.283	1.699	1.267	1.126	1.91	2.345	3.9	5.23
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			1747.911								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/15/77-05/02/91	11	1216.	1074.364	1328.	638.	68015.055	260.797	640.	812.	1276.	1321.6
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/04/71-05/02/91	16	0.675	1.1	3.69	0.068	1.268	1.126	0.069	0.173	1.95	3.165
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	08/04/71-12/05/90	16	19.95	22.031	47.6	7.	158.601	12.594	7.	10.325	34.025	41.58
71900p	MERCURY, TOTAL (UG/L AS Hg)	12/07/71-05/02/91	8 ##	2.5	2.375	5.	0.5	1.768	1.33	**	**	**	**

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### Annual Analysis for 1979 - Station SAMO0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/07/71-11/16/79	12	13.3	14.533	20.	8.9	16.21	4.026	9.23	11.25	18.175	20.
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/07/71-05/02/91	13	54.	57.385	68.	48.	56.09	7.489	48.	51.	64.5	68.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/04/71-05/02/91	13	1490.	1272.538	1610.	422.	145183.769	381.03	555.2	1007.	1565.	1610.
00300p	OXYGEN, DISSOLVED MG/L	08/04/71-03/21/84	10	6.85	6.66	8.6	3.7	2.274	1.508	3.86	5.45	8.075	8.57
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/04/71-04/03/91	13	4.	5.385	26.	0.5	45.048	6.712	0.5	1.	6.5	18.8
00340p	COD, .25N K2CR2O7 MG/L	08/04/71-03/21/84	12	15.	27.167	100.	3.	910.697	30.178	3.3	7.75	39.25	91.6
00403p	PH, LAB, STANDARD UNITS SU	08/04/71-05/02/91	13	8.2	8.092	8.3	7.4	0.059	0.243	7.6	8.	8.2	8.3
00403p	CONVERTED PH, LAB, STANDARD UNITS	08/04/71-05/02/91	13	8.2	8.004	8.3	7.4	0.068	0.26	7.6	8.	8.2	8.3
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/71-05/02/91	13	0.006	0.01	0.04	0.005	0.	0.009	0.005	0.006	0.01	0.029
00440p	BICARBONATE ION (MG/L AS HCO3)	08/04/71-05/02/91	13	244.	243.462	306.	133.	2741.936	52.363	158.2	206.5	288.	304.4
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/17/79-05/02/91	1 ##	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/04/71-11/16/79	12	0.105	0.167	0.47	0.04	0.021	0.145	0.04	0.04	0.23	0.446
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/17/79-05/02/91	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/04/71-05/02/91	11	4.98	5.111	10.09	0.9	8.988	2.998	1.08	2.66	7.5	9.712

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### Annual Analysis for 1979 - Station SAMO0061

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00900p	HARDNESS, TOTAL (MG/L AS CaCO3)	08/04/71-05/02/91	13	569.	493.846	626.	197.	21932.808	148.097	221.8	385.5	614.5	624.4
00916p	CALCIUM, TOTAL (MG/L AS Ca)	08/04/71-05/02/91	13	132.	115.692	141.	43.	932.231	30.532	51.	105.5	136.	139.4
00927p	MAGNESIUM, TOTAL (MG/L AS MG)	08/04/71-05/02/91	13	62.4	49.815	68.6	21.	399.016	19.975	21.4	24.3	67.1	68.32
00929p	SODIUM, TOTAL (MG/L AS Na)	08/04/71-05/02/91	13	118.	97.408	129.9	32.	1094.456	33.083	40.8	68.05	124.35	129.46
00937p	POTASSIUM, TOTAL MG/L AS K)	08/04/71-05/02/91	13	5.3	4.862	6.1	3.	1.403	1.184	3.08	3.6	5.9	6.1
00940p	CHLORIDE, TOTAL IN WATER MG/L	08/04/71-05/02/91	13	90.	82.154	118.	30.	931.308	30.517	36.4	50.	111.	116.
00945p	SULFATE, TOTAL (MG/L AS SO4)	08/04/71-05/02/91	13	448.	371.077	544.	101.	26473.577	162.707	115.4	212.	517.	538.4
01007	BARIUM, TOTAL (UG/L AS Ba)	04/15/77-05/02/91	2	1200.	1200.	1400.	1000.	80000.	282.843	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS Cd)	04/15/77-05/02/91	3 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01032	CHROMIUM, HEXAVALENT (UG/L AS Cr)	12/27/77-05/02/91	3 ##	2.5	3.333	5.	2.5	2.083	1.443	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS Cr)	04/15/77-05/02/91	3 ##	10.	40.	100.	10.	2700.	51.962	**	**	**	**
01042	COPPER, TOTAL (UG/L AS Cu)	04/15/77-05/02/91	3 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS Fe)	04/15/77-12/05/91	13	300.	5149.231	54000.	90.	216947157.692	14729.126	102.	130.	2860.	33700.
01051	LEAD, TOTAL (UG/L AS Pb)	04/15/77-05/02/91	3 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS Mn)	04/15/77-05/02/91	13	50.	135.769	950.	5.	64449.359	253.869	11.	20.	140.	666.
01067	NICKEL, TOTAL (UG/L AS Ni)	04/15/77-05/02/91	3 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS Ag)	04/15/77-05/02/91	3 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS Zn)	04/15/77-05/02/91	3	40.	69.	160.	7.	6483.	80.517	**	**	**	**
31503p	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	08/04/71-05/02/91	13	8000.	14723.077	95000.	2000.	642250256.41	25342.657	2000.	3200.	9600.	69800.
31503p	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	08/04/71-05/02/91	13	3.903	3.857	4.978	3.301	0.227	0.476	3.301	3.491	3.982	4.789
31503p	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	08/04/71-05/02/91	13	360.	1600.769	12000.	20.	10864741.026	3296.171	20.	45.	1350.	8720.
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/04/71-05/02/91	13	2.556	2.492	4.079	1.301	0.775	0.88	1.301	1.651	3.128	3.879
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/04/71-05/02/91	13	800.	6130.769	32000.	200.	134895641.026	11614.458	200.	250.	4850.	32000.
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/04/71-05/02/91	13	2.903	3.11	4.505	2.301	0.608	0.78	2.301	2.389	3.662	4.505
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/04/71-05/02/91	13	2.903	3.11	4.505	2.301	0.608	0.78	2.301	2.389	3.662	4.505
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/04/71-05/02/91	13	800.	6130.769	32000.	200.	134895641.026	11614.458	200.	250.	4850.	32000.
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/04/71-05/02/91	13	2.903	3.11	4.505	2.301	0.608	0.78	2.301	2.389	3.662	4.505
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/15/77-05/02/91	10	1156.	1045.2	1208.	628.	42385.956	205.878	644.8	841.	1176.	1207.2
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/04/71-05/02/91	13	2.49	2.105	5.97	0.11	3.068	1.752	0.134	0.465	3.25	5.03
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	08/04/71-12/05/90	10	18.35	20.44	36.3	4.	136.014	11.662	4.4	10.85	32.9	35.99
71900p	MERCURY, TOTAL (UG/L AS Hg)	12/07/71-05/02/91	13 ##	0.5	0.962	2.5	0.5	0.769	0.877	0.5	0.5	1.5	2.5

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### Annual Analysis for 1980 - Station SAMO0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/07/71-05/02/91	13	58.	58.308	64.	51.	16.564	4.07	51.4	55.5	62.	63.6
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/04/71-05/02/91	14	1760.	1612.5	1875.	903.	101301.962	318.28	953.	1410.25	1836.25	1862.5
00300p	OXYGEN, DISSOLVED MG/L	08/04/71-03/21/84	11	8.3	8.691	10.3	7.4	0.941	0.97	7.48	7.9	9.6	10.18
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/04/71-04/03/91	14	2.	2.929	15.	1.	15.302	3.912	1.	1.	2.	11.5
00340p	COD, .25N K2CR2O7 MG/L	08/04/71-03/21/84	14	19.5	27.214	87.	8.	495.412	22.258	8.	14.75	37.25	74.
00403p	PH, LAB, STANDARD UNITS SU	08/04/71-05/02/91	14	8.05	7.957	8.3	7.1	0.109	0.33	7.25	7.9	8.2	8.25
00403p	CONVERTED PH, LAB, STANDARD UNITS	08/04/71-05/02/91	14	8.047	7.794	8.3	7.1	0.137	0.371	7.25	7.9	8.2	8.25
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/71-05/02/91	14	0.009	0.016	0.079	0.005	0.	0.02	0.006	0.006	0.013	0.06
00440p	BICARBONATE ION (MG/L AS HCO3)	08/04/71-05/02/91	14	240.	242.071	302.	176.	1225.456	35.007	191.5	216.75	270.25	292.5
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/17/79-05/02/91	12	0.075	0.298	1.52	0.01	0.197	0.443	0.022	0.05	0.538	1.253
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/17/79-05/02/91	10	0.025	0.023	0.04	0.005	0.	0.011	0.005	0.016	0.03	0.039
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/04/71-05/02/91	10	3.81	4.583	9.31	1.99	5.381	2.32	2.061	2.745	6.315	9.111
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/80-04/03/91	9	5.8	13.3	45.	3.9	220.865	14.862	3.9	4.4	22.75	45.
00900p	HARDNESS, TOTAL (MG/L AS CaCO3)	08/04/71-05/02/91	14	713.5	663.786	780.	396.	14127.874	118.861	427.5	578.25	738.5	773.
00916p	CALCIUM, TOTAL (MG/L AS Ca)	08/04/71-05/02/91	14	165.5	153.3	204.	92.5	1042.614	32.29	99.65	118.025	171.25	190.
00927p	MAGNESIUM, TOTAL (MG/L AS MG)	08/04/71-05/02/91	14	72.9	68.3	85.2	30.	222.043	14.901	41.65	58.875	79.025	84.
00929p	SODIUM, TOTAL (MG/L AS Na)	08/04/71-05/02/91	14	109.	105.693	148.	53.5	657.495	25.642	60.95	93.125	125.25	137.5
00937p	POTASSIUM, TOTAL MG/L AS K)	08/04/71-05/02/91	14	5.15	5.179	8.2	0.6	3.371	1.836	2.3	4.175	6.55	7.6
00940p	CHLORIDE, TOTAL IN WATER MG/L	08/04/71-05/02/91	14	92.5	92.143	115.	30.	481.824	21.95	50.	87.5	109.75	113.5
00945p	SULFATE, TOTAL (MG/L AS SO4)	08/04/71-05/02/91	14	566.5	536.786	620.	274.	8255.104	90.858	359.	498.5	597.	615.

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### Annual Analysis for 1980 - Station SAMO0061

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
01007	BARIUM, TOTAL (UG/L AS BA)	04/15/77-05/02/91	1	260.	260.	260.	260.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	04/15/77-05/02/91	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	12/27/77-05/02/91	1##	25.	25.	25.	25.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/15/77-05/02/91	1	80.	80.	80.	80.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	04/15/77-05/02/91	1	59.	59.	59.	59.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	04/15/77-12/05/91	12	304.5	3043.583	32200.	5.	84499247.902	9192.347	15.5	70.25	980.	22954.
01051	LEAD, TOTAL (UG/L AS PB)	04/15/77-05/02/91	1##	5.	5.	5.	5.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	04/15/77-05/02/91	12	39.	110.083	924.	5.	65978.447	256.863	9.5	25.	59.	665.4
01067	NICKEL, TOTAL (UG/L AS NI)	04/15/77-05/02/91	1	93.	93.	93.	93.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	04/15/77-05/02/91	1##	5.	5.	5.	5.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	04/15/77-05/02/91	1	71.	71.	71.	71.	0.	0.	**	**	**	**
31503p	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	08/04/71-05/02/91	14	5800.	52385.714	650000.	1600.29604015164.835	172058.174	1800.	2300.	10750.	333000.	
31503p	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	08/04/71-05/02/91	14	3.763	3.854	5.813	3.204	0.415	0.645	3.253	3.36	4.028	5.009
31503p	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			7143.057								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/04/71-05/02/91	14	200.	1536.429	15000.	10.	15578824.725	3947.002	15.	40.	840.	8900.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/04/71-05/02/91	14	2.301	2.352	4.176	1.	0.776	0.881	1.151	1.602	2.913	3.812
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			225.074								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/04/71-05/02/91	14	1500.	18028.571	180000.	200.	2281263736.264	47762.577	300.	825.	7975.	108000.
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/04/71-05/02/91	14	3.176	3.376	5.255	2.301	0.657	0.811	2.452	2.91	3.724	4.906
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			2374.446								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/15/77-05/02/91	14	1332.	1225.857	1432.	578.	57635.516	240.074	756.5	1067.	1386.25	1430.
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/04/71-05/02/91	12	1.45	1.598	3.59	0.53	0.794	0.891	0.533	0.888	2.	3.332
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	08/04/71-12/05/90	1	15.9	15.9	15.9	15.9	0.	0.	**	**	**	**
71900p	MERCURY, TOTAL (UG/L AS HG)	12/07/71-05/02/91	12##	0.05	0.208	1.	0.05	0.092	0.303	0.05	0.05	0.4	0.85

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### Annual Analysis for 1981 - Station SAMO0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/07/71-05/02/91	11	60.	59.545	68.	50.	32.073	5.663	50.6	54.	63.	67.8
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/04/71-05/02/91	11	1774.	1710.545	1960.	922.	82493.673	287.217	1049.6	1670.	1880.	1952.
00300p	OXYGEN, DISSOLVED MG/L	08/04/71-03/21/84	9	9.	8.2	10.	1.	8.03	2.834	1.	7.8	10.	10.
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/04/71-04/03/91	11	2.	3.045	11.	0.5	10.123	3.182	0.6	1.	3.	10.2
00340p	COD, .25N K2CR2O7 MG/L	08/04/71-03/21/84	11	21.	22.909	76.	1.	379.491	19.481	2.4	10.	27.	66.4
00403p	PH, LAB, STANDARD UNITS SU	08/04/71-05/02/91	11	8.1	8.045	8.3	7.8	0.017	0.129	7.82	8.	8.1	8.26
00403p	CONVERTED PH, LAB, STANDARD UNITS	08/04/71-05/02/91	11	8.1	8.028	8.3	7.8	0.017	0.131	7.82	8.	8.1	8.26
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/71-05/02/91	11	0.008	0.009	0.016	0.005	0.	0.003	0.006	0.008	0.01	0.015
00440p	BICARBONATE ION (MG/L AS HCO3)	08/04/71-05/02/91	10	246.5	245.1	295.	133.	2483.211	49.832	141.4	220.75	290.5	294.7
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/17/79-05/02/91	11 ##	0.005	0.026	0.09	0.005	0.001	0.031	0.005	0.005	0.05	0.084
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/17/79-05/02/91	11	0.01	0.014	0.03	0.005	0.	0.009	0.005	0.005	0.02	0.028
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/04/71-05/02/91	11	2.18	4.498	10.78	0.33	15.357	3.919	0.496	1.19	8.79	10.544
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/80-04/03/91	10	4.2	9.48	40.	0.1	177.475	13.322	0.17	2.45	11.825	38.78
00900p	HARDNESS, TOTAL (MG/L AS CaCO3)	08/04/71-05/02/91	11	703.	693.091	835.	346.	19051.691	138.028	393.8	638.	801.	831.2
00916p	CALCIUM, TOTAL (MG/L AS Ca)	08/04/71-05/02/91	11	208.	201.245	259.2	112.	1542.435	39.274	123.12	174.	219.	255.16
00927p	MAGNESIUM, TOTAL (MG/L AS Mg)	08/04/71-05/02/91	11	45.3	46.136	67.3	16.	279.159	16.708	18.52	34.	62.5	66.54
00929p	SODIUM, TOTAL (MG/L AS Na)	08/04/71-05/02/91	10	135.	134.3	220.	70.	1597.789	39.972	73.6	107.5	150.5	213.8
00937p	POTASSIUM, TOTAL MG/L AS K)	08/04/71-05/02/91	10	5.45	5.335	6.8	3.5	1.292	1.137	3.51	4.5	6.313	6.77
00940p	CHLORIDE,TOTAL IN WATER MG/L	08/04/71-05/02/91	10	109.	104.1	123.	53.	392.322	19.807	57.1	100.	115.25	122.6
00945p	SULFATE, TOTAL (MG/L AS SO4)	08/04/71-05/02/91	10	633.	604.7	796.	413.	14435.567	120.148	416.7	513.	690.	788.4
01007	BARIUM, TOTAL (UG/L AS Ba)	04/15/77-05/02/91	9	84.	217.111	1160.	45.	128469.861	358.427	45.	51.5	191.	1160.
01027	CADMIUM, TOTAL (UG/L AS Cd)	04/15/77-05/02/91	9	5.	8.778	32.	2.	115.194	10.733	2.	2.	14.	32.
01032	CHROMIUM, HEXAVALENT (UG/L AS Cr)	12/27/77-05/02/91	9 ##	25.	31.444	143.	5.	1843.778	42.939	5.	5.	25.	143.
01034	CHROMIUM, TOTAL (UG/L AS Cr)	04/15/77-05/02/91	9	10.	55.222	158.	5.	5179.944	71.972	5.	5.	147.5	158.
01042	COPPER, TOTAL (UG/L AS Cu)	04/15/77-05/02/91	9	18.	39.444	90.	5.	1468.278	38.318	5.	5.	78.5	90.
01045	IRON, TOTAL (UG/L AS Fe)	04/15/77-12/05/91	11	240.	1933.273	13000.	5.	16010648.818	4001.331	14.	53.	1040.	11500.
01051	LEAD, TOTAL (UG/L AS Pb)	04/15/77-05/02/91	9	12.	16.333	72.	5.	456.	21.354	5.	5.	15.	72.

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### Annual Analysis for 1981 - Station SAMO0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01055	MANGANESE, TOTAL (UG/L AS MN)	04/15/77-05/02/91	11	50.	71.609	290.	5.	7019.441	83.782	8.	21.7	77.	264.
01067	NICKEL, TOTAL (UG/L AS NI)	04/15/77-05/02/91	9	14.	64.778	190.	5.	6365.194	79.782	5.	5.	157.	190.
01077	SILVER, TOTAL (UG/L AS AG)	04/15/77-05/02/91	9 ##	5.	5.622	13.	2.6	8.284	2.878	2.6	5.	5.	13.
01092	ZINC, TOTAL (UG/L AS ZN)	04/15/77-05/02/91	9	100.	125.333	420.	5.	15354.75	123.914	5.	40.	161.5	420.
31503p	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	08/04/71-05/02/91	11	50000.	69854.545	300000.	400.	8673992727.273	93134.273	1120.	4000.	130000.	272000.
31503p	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	08/04/71-05/02/91	11	4.699	4.325	5.477	2.602	0.753	0.868	2.802	3.602	5.114	5.423
31503p	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	08/04/71-05/02/91	11		21124.454								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/04/71-05/02/91	11	160.	804.545	7200.	60.	4508147.273	2123.24	68.	100.	250.	5840.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/04/71-05/02/91	11	2.204	2.311	3.857	1.778	0.313	0.56	1.823	2.	2.398	3.606
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/04/71-05/02/91	11		204.77								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/04/71-05/02/91	11	600.	4040.909	35000.	50.	106342409.091	10312.246	60.	100.	2000.	28600.
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/04/71-05/02/91	11	2.778	2.844	4.544	1.699	0.651	0.807	1.759	2.	3.301	4.331
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/04/71-05/02/91	11		697.971								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/15/77-05/02/91	11	1304.	1256.636	1496.	628.	57354.855	239.489	721.6	1200.	1392.	1488.
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/04/71-05/02/91	11	1.3	1.796	3.26	0.49	1.207	1.098	0.548	0.86	3.07	3.234
71900p	MERCURY, TOTAL (UG/L AS HG)	12/07/71-05/02/91	11 ##	0.1	0.345	1.8	0.05	0.272	0.521	0.05	0.05	0.5	1.54

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### Annual Analysis for 1982 - Station SAMO0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/07/71-05/02/91	12	62.	60.75	70.	53.	34.205	5.848	53.3	54.	65.5	69.1
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/04/71-05/02/91	13	1726.	1660.231	2070.	954.	114525.859	338.417	1001.6	1502.5	1899.	2035.6
00300p	OXYGEN, DISSOLVED MG/L	08/04/71-03/21/84	9	10.1	10.278	18.5	4.6	14.402	3.795	4.6	8.2	11.7	18.5
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/04/71-04/03/91	13	3.	5.846	27.	0.5	55.599	7.456	0.5	2.	7.	22.2
00340p	COD, .25N K2CR2O7 MG/L	08/04/71-03/21/84	13	23.	30.	112.	9.	717.333	26.783	9.4	16.5	35.	85.6
00403p	PH, LAB, STANDARD UNITS SU	08/04/71-05/02/91	13	8.2	8.108	8.5	7.4	0.072	0.269	7.6	7.95	8.25	8.42
00403p	CONVERTED PH, LAB, STANDARD UNITS	08/04/71-05/02/91	13	8.2	8.008	8.5	7.4	0.083	0.288	7.6	7.95	8.25	8.42
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/71-05/02/91	13	0.006	0.01	0.04	0.003	0.	0.009	0.004	0.006	0.011	0.029
00440p	BICARBONATE ION (MG/L AS HCO3)	08/04/71-05/02/91	13	223.	233.615	334.	141.	2799.256	52.908	147.	204.5	273.	311.2
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/17/79-05/02/91	13	0.05	0.582	7.	0.005	3.721	1.929	0.005	0.013	0.09	4.252
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/17/79-05/02/91	13	0.02	0.028	0.07	0.01	0.	0.02	0.01	0.015	0.035	0.07
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/04/71-05/02/91	13	3.47	3.521	8.78	0.005	7.072	2.659	0.347	1.345	5.885	8.064
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/80-04/03/91	12	5.	10.183	39.	3.	117.062	10.819	3.3	4.825	13.3	34.29
00900p	HARDNESS, TOTAL (MG/L AS CaCO3)	08/04/71-05/02/91	13	661.	629.923	799.	339.	18837.91	137.251	361.4	553.5	719.5	782.2
00916p	CALCIUM, TOTAL (MG/L AS Ca)	08/04/71-05/02/91	13	163.	152.115	213.	92.1	1370.	37.014	93.3	122.75	173.25	205.8
00927p	MAGNESIUM, TOTAL (MG/L AS MG)	08/04/71-05/02/91	13	63.	60.631	88.3	26.5	280.204	16.739	31.14	50.15	73.5	83.42
00929p	SODIUM, TOTAL (MG/L AS Na)	08/04/71-05/02/91	13	150.	138.423	236.	45.	3017.327	54.93	57.	77.75	167.5	220.8
00937p	POTASSIUM, TOTAL MG/L AS K)	08/04/71-05/02/91	13	4.5	4.605	8.5	2.8	2.021	1.422	2.96	3.65	5.15	7.3
00940p	CHLORIDE,TOTAL IN WATER MG/L	08/04/71-05/02/91	13	156.	144.154	216.	64.	2070.974	45.508	64.4	116.	177.5	202.
00945p	SULFATE, TOTAL (MG/L AS SO4)	08/04/71-05/02/91	13	520.	468.231	627.	65.	27924.859	167.107	133.4	390.	587.	616.2
01007	BARIUM, TOTAL (UG/L AS BA)	04/15/77-05/02/91	12	39.	55.583	210.	24.	2595.174	50.943	25.5	30.	64.5	168.
01027	CADMIUM, TOTAL (UG/L AS CD)	04/15/77-05/02/91	13 ##	0.5	0.808	3.	0.5	0.606	0.778	0.5	0.5	0.5	2.6
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	12/27/77-05/02/91	13 ##	5.	4.616	5.	0.005	1.919	1.385	2.003	5.	5.	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/15/77-05/02/91	13 ##	5.	14.462	81.	5.	533.436	23.096	5.	5.	7.5	67.4
01042	COPPER, TOTAL (UG/L AS CU)	04/15/77-05/02/91	13 ##	5.	7.538	29.	5.	47.769	6.912	5.	5.	5.	23.
01045	IRON, TOTAL (UG/L AS FE)	04/15/77-12/05/91	13	227.	3036.769	23780.	5.	51537817.359	7178.984	23.	50.	632.	19508.
01051	LEAD, TOTAL (UG/L AS PB)	04/15/77-05/02/91	13 ##	5.	6.231	14.	5.	9.192	3.032	5.	5.	5.	13.2
01055	MANGANESE, TOTAL (UG/L AS MN)	04/15/77-05/02/91	14	25.	94.5	497.	15.	26148.885	161.706	18.	23.	60.	473.
01067	NICKEL, TOTAL (UG/L AS NI)	04/15/77-05/02/91	13 ##	5.	15.077	64.	5.	397.244	19.931	5.	5.	14.	60.
01077	SILVER, TOTAL (UG/L AS AG)	04/15/77-05/02/91	13 ##	5.	4.692	5.	1.	1.231	1.109	2.6	5.	5.	5.
01092	ZINC, TOTAL (UG/L AS ZN)	04/15/77-05/02/91	13 ##	50.	50.077	198.	5.	2755.744	52.495	5.	5.	50.	159.6
31503p	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	08/04/71-05/02/91	13	8000.	12269.231	52000.	100.	230678974.359	15188.12	140.	600.	22000.	41600.
31503p	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	08/04/71-05/02/91	13	3.903	3.544	4.716	2.	0.833	0.912	2.12	2.651	4.341	4.596
31503p	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	08/04/71-05/02/91	13		3495.46								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/04/71-05/02/91	13	100.	1569.231	9000.	20.	8706841.026	2950.736	20.	80.	2300.	7800.

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1982 - Station SAMO0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	08/04/71-05/02/91	13	2.	2.336	3.954	1.301	0.784	0.885	1.301	1.903	2.972	3.884
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			216.786								
31673p	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	08/04/71-05/02/91	13	800.	10676.923	82000.	50.	607756506.41	24652.718	50.	250.	3200.	67200.
31673p	LOG FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	08/04/71-05/02/91	13	2.903	3.024	4.914	1.699	0.967	0.984	1.699	2.301	3.504	4.81
31673p	GM FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	GEOMETRIC MEAN =			1057.387								
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	04/15/77-05/02/91	13	1232.	1208.462	1508.	656.	50584.103	224.909	773.6	1118.	1380.	1479.2
70507p	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/04/71-05/02/91	13	1.62	2.034	5.89	0.12	2.334	1.528	0.308	1.03	2.64	4.942
71900p	MERCURY, TOTAL (UG/L AS HG)	12/07/71-05/02/91	13 ##	0.5	0.292	0.5	0.05	0.055	0.233	0.05	0.05	0.5	0.5

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1983 - Station SAMO0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/07/71-05/02/91	11	68.	64.182	74.	55.	44.364	6.661	55.2	57.	69.	73.2
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/04/71-05/02/91	11	1470.	1267.636	1770.	390.	207474.855	455.494	442.	910.	1600.	1768.
00300p	OXYGEN, DISSOLVED MG/L	08/04/71-03/21/84	10	11.	10.82	12.	10.	0.591	0.769	10.	10.	11.25	12.
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/04/71-04/03/91	11	2.	2.545	9.	1.	5.273	2.296	1.	1.	2.	8.
00340p	COD, .25N K2CR2O7 MG/L	08/04/71-03/21/84	11	12.	30.	179.	4.	2538.8	50.387	4.8	8.	24.	150.8
00403p	PH, LAB, STANDARD UNITS SU	08/04/71-05/02/91	11	8.4	8.264	8.6	7.3	0.147	0.383	7.4	8.2	8.5	8.58
00403p	CONVERTED PH, LAB, STANDARD UNITS	08/04/71-05/02/91	11	8.4	8.037	8.6	7.3	0.203	0.451	7.4	8.2	8.5	8.58
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/71-05/02/91	11	0.004	0.009	0.05	0.003	0.	0.014	0.003	0.003	0.006	0.043
00440p	BICARBONATE ION (MG/L AS HCO3)	08/04/71-05/02/91	11	280.	253.727	300.	112.	3897.618	62.431	121.6	239.	298.	300.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/17/79-05/02/91	11	0.1	0.546	1.8	0.005	0.493	0.702	0.006	0.01	1.44	1.74
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/17/79-05/02/91	9	0.03	0.037	0.08	0.01	0.001	0.023	0.01	0.02	0.055	0.08
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/04/71-05/02/91	11	1.96	2.51	5.4	1.4	1.487	1.219	1.438	1.6	2.91	5.124
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/80-04/03/91	11	5.	11.255	70.	2.8	387.083	19.674	2.84	3.6	6.8	58.56
00900p	HARDNESS, TOTAL (MG/L AS CaCO3)	08/04/71-05/02/91	11	469.	468.091	776.	169.	38306.091	195.719	184.8	301.	590.	775.6
00916p	CALCIUM, TOTAL (MG/L AS Ca)	08/04/71-05/02/91	11	85.	103.455	173.	35.	2162.273	46.5	40.2	68.	153.	172.
00927p	MAGNESIUM, TOTAL (MG/L AS MG)	08/04/71-05/02/91	11	56.	50.727	85.4	0.6	795.57	28.206	4.48	23.	75.	84.72
00929p	SODIUM, TOTAL (MG/L AS Na)	08/04/71-05/02/91	11	88.	88.545	136.	33.	1452.273	38.109	33.2	55.	131.	135.2
00937p	POTASSIUM, TOTAL (MG/L AS K)	08/04/71-05/02/91	11	4.4	4.418	8.	2.1	2.558	1.599	2.16	3.6	5.2	7.44
00940p	CHLORIDE, TOTAL IN WATER MG/L	08/04/71-05/02/91	11	86.	80.455	107.	32.	576.673	24.014	35.8	65.	103.	106.8
00945p	SULFATE, TOTAL (MG/L AS SO4)	08/04/71-05/02/91	11	240.	271.091	625.	40.	41134.491	202.816	40.4	90.	470.	614.
01007	BARIUM, TOTAL (MG/L AS Ba)	04/15/77-05/02/91	11	36.	92.182	480.	20.	18156.564	134.746	20.4	31.	90.	415.2
01027	CADMIUM, TOTAL (UG/L AS Cd)	04/15/77-05/02/91	11 ##	0.5	1.045	4.	0.5	1.173	1.083	0.5	0.5	1.	3.6
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	12/27/77-05/02/91	11 ##	25.	25.	25.	25.	0.	0.	25.	25.	25.	25.
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/15/77-05/02/91	11 ##	5.	16.091	92.	5.	744.091	27.278	5.	5.	5.	81.6
01042	COPPER, TOTAL (UG/L AS CU)	04/15/77-05/02/91	11 ##	5.	10.182	48.	5.	165.964	12.883	5.	5.	10.	41.2
01045	IRON, TOTAL (UG/L AS FE)	04/15/77-12/05/91	11	80.	1404.545	14700.	15.	19448817.273	4410.081	15.	15.	190.	11798.
01051	LEAD, TOTAL (UG/L AS Pb)	04/15/77-05/02/91	10 ##	5.	6.	10.	5.	4.444	2.108	5.	5.	6.25	10.
01055	MANGANESE, TOTAL (UG/L AS MN)	04/15/77-05/02/91	10	40.	97.	720.	5.	48367.778	219.927	5.	5.	50.	653.
01067	NICKEL, TOTAL (UG/L AS Ni)	04/15/77-05/02/91	10 ##	8.	32.9	220.	5.	4446.1	66.679	5.	5.	22.25	202.1
01077	SILVER, TOTAL (UG/L AS Ag)	04/15/77-05/02/91	10	1.	1.55	5.	0.5	2.081	1.442	0.5	0.5	2.25	4.8
01092	ZINC, TOTAL (UG/L AS Zn)	04/15/77-05/02/91	10 ##	50.	39.55	85.	3.5	735.525	27.121	3.5	3.5	50.	81.5
31503p	COLIFORM, TOT, MEMBR FILTER, DELAYED, M-ENDO MED, 35 C	08/04/71-05/02/91	11	800.	7745.455	44000.	400.	181000727.273	13453.651	400.	400.	10000.	39200.
31503p	LOG COLIFORM, TOT, MEMBR FILTER, DELAYED, M-ENDO MED, 3	08/04/71-05/02/91	11	2.903	3.306	4.643	2.602	0.574	0.758	2.602	2.602	4.	4.575
31503p	GM COLIFORM, TOT, MEMBR FILTER, DELAYED, M-ENDO MED, 35	GEOMETRIC MEAN =			2021.759								
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	08/04/71-05/02/91	11	40.	383.636	2000.	20.	480625.455	693.272	20.	40.	400.	1900.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	08/04/71-05/02/91	11	1.602	1.963	3.301	1.301	0.52	0.721	1.301	1.602	2.602	3.276
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			91.865								
31673p	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	08/04/71-05/02/91	11	2000.	5286.364	31000.	50.	89719045.455	9472.014	60.	600.	2400.	27760.
31673p	LOG FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	08/04/71-05/02/91	11	3.301	3.155	4.491	1.699	0.664	0.815	1.759	2.778	3.38	4.427
31673p	GM FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	GEOMETRIC MEAN =			1428.673								
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	04/15/77-05/02/91	11	990.	929.455	1300.	300.	111154.673	333.399	336.2	675.	1260.	1292.
70507p	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/04/71-05/02/91	11	1.37	1.545	3.59	0.3	0.816	0.903	0.324	1.1	2.06	3.322
71900p	MERCURY, TOTAL (UG/L AS HG)	12/07/71-05/02/91	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1984 - Station SAMO0061

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/07/71-05/02/91	3	58.	58.	61.	55.	9.	3.	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/04/71-05/02/91	3	1400.	1386.667	1430.	1330.	2633.333	51.316	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	08/04/71-03/21/84	3	13.	12.333	13.	11.	1.333	1.155	**	**	**
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/04/71-04/03/91	3	2.	2.667	4.	2.	1.333	1.155	**	**	**
00340p	COD, .25N K2CR2O7 MG/L	08/04/71-03/21/84	3	21.	21.	29.	13.	64.	8.	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	08/04/71-05/02/91	3	8.3	8.367	8.5	8.3	0.013	0.115	**	**	**
00403p	CONVERTED PH, LAB, STANDARD UNITS	08/04/71-05/02/91	3	8.3	8.357	8.5	8.3	0.013	0.116	**	**	**
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/71-05/02/91	3	0.005	0.004	0.005	0.003	0.	0.001	**	**	**
00440p	BICARBONATE ION (MG/L AS HCO3)	08/04/71-05/02/91	3	208.	207.667	221.	194.	182.333	13.503	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/17/79-05/02/91	3	0.09	0.065	0.1	0.005	0.003	0.052	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/17/79-05/02/91	2 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/04/71-05/02/91	3	5.4	6.1	7.7	5.2	1.93	1.389	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/80-04/03/91	3	5.7	5.933	7.5	4.6	2.143	1.464	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CaCO3)	08/04/71-05/02/91	3	549.	548.333	565.	531.	289.333	17.01	**	**	**
00916p	CALCIUM, TOTAL (MG/L AS Ca)	08/04/71-05/02/91	3	118.	118.	122.	114.	16.	4.	**	**	**
00927p	MAGNESIUM, TOTAL (MG/L AS MG)	08/04/71-05/02/91	3	61.	60.8	62.4	59.	2.92	1.709	**	**	**
00929p	SODIUM, TOTAL (MG/L AS Na)	08/04/71-05/02/91	3	112.	109.333	114.	102.	41.333	6.429	**	**	**
00937p	POTASSIUM, TOTAL MG/L AS K)	08/04/71-05/02/91	3	5.	5.167	5.8	4.7	0.323	0.569	**	**	**
00940p	CHLORIDE, TOTAL IN WATER MG/L	08/04/71-05/02/91	3	92.	90.	95.	83.	39.	6.245	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	08/04/71-05/02/91	3	423.	413.	431.	385.	604.	24.576	**	**	**
01007	BARIUM, TOTAL (UG/L AS Ba)	04/15/77-05/02/91	3	32.	36.667	51.	27.	160.333	12.662	**	**	**
01027	CADMIUM, TOTAL (UG/L AS Cd)	04/15/77-05/02/91	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	12/27/77-05/02/91	3 ##	25.	25.	25.	25.	0.	0.	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/15/77-05/02/91	3 ##	5.	5.	5.	5.	0.	0.	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	04/15/77-05/02/91	3 ##	5.	7.667	13.	5.	21.333	4.619	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	04/15/77-12/05/91	3 ##	15.	15.	15.	15.	0.	0.	**	**	**
01051	LEAD, TOTAL (UG/L AS Pb)	04/15/77-05/02/91	3 ##	5.	5.	5.	5.	0.	0.	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	04/15/77-05/02/91	3 ##	5.	5.	5.	5.	0.	0.	**	**	**
01067	NICKEL, TOTAL (UG/L AS Ni)	04/15/77-05/02/91	3 ##	5.	7.333	12.	5.	16.333	4.041	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	04/15/77-05/02/91	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	04/15/77-05/02/91	3	8.	6.5	8.	3.5	6.75	2.598	**	**	**
31503p	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	08/04/71-05/02/91	3	800.	800.	800.	800.	0.	0.	**	**	**
31503p	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	08/04/71-05/02/91	3	2.903	2.903	2.903	2.903	0.	0.	**	**	**
31503p	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			800.							
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/04/71-05/02/91	3 ##	20.	26.667	40.	20.	133.333	11.547	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/04/71-05/02/91	3 ##	1.301	1.401	1.602	1.301	0.03	0.174	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			25.198							
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/04/71-05/02/91	3	300.	283.333	500.	50.	50833.333	225.462	**	**	**
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/04/71-05/02/91	3	2.477	2.292	2.699	1.699	0.276	0.525	**	**	**
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			195.743							
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/15/77-05/02/91	3	960.	966.667	1000.	940.	933.333	30.551	**	**	**
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/04/71-05/02/91	3	2.61	2.437	3.8	0.9	2.125	1.458	**	**	**
71900p	MERCURY, TOTAL (UG/L AS HG)	12/07/71-05/02/91	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1988 - Station SAMO0061

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/07/71-05/02/91	9	63.	63.889	75.	49.	55.361	7.441	49.	61.	70.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/04/71-05/02/91	9	1643.	1634.889	1900.	1141.	50133.611	223.905	1141.	1549.	1792.5
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/04/71-04/03/91	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	08/04/71-05/02/91	9	7.8	7.767	7.9	7.5	0.015	0.122	7.5	7.7	7.85
00403p	CONVERTED PH, LAB, STANDARD UNITS	08/04/71-05/02/91	9	7.8	7.75	7.9	7.5	0.015	0.124	7.5	7.7	7.85
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/71-05/02/91	9	0.016	0.018	0.032	0.013	0.	0.006	0.013	0.014	0.02
00440p	BICARBONATE ION (MG/L AS HCO3)	08/04/71-05/02/91	9	224.	211.778	250.	158.	1158.944	34.043	158.	182.5	244.5
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/17/79-05/02/91	8	0.06	0.073	0.12	0.022	0.002	0.039	**	**	**

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### Annual Analysis for 1988 - Station SAMO0061

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/17/79-05/02/91	8 ##	0.5	0.5	0.5	0.	0.	**	**	**	**
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/04/71-05/02/91	8	3.405	4.97	11.01	1.7	12.515	3.538	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/80-04/03/91	3 ##	0.5	0.5	0.5	0.	0.	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CaCO3)	08/04/71-05/02/91	9	592.	593.111	677.	486.	4266.861	65.321	486.	533.	677.
00916p	CALCIUM, TOTAL (MG/L AS Ca)	08/04/71-05/02/91	9	125.	124.267	144.	90.4	278.04	16.675	90.4	113.5	144.
00927p	MAGNESIUM, TOTAL (MG/L AS MG)	08/04/71-05/02/91	9	68.	68.689	79.	60.	46.264	6.802	60.	62.15	79.
00929p	SODIUM, TOTAL (MG/L AS Na)	08/04/71-05/02/91	9	134.	135.444	150.	115.	102.528	10.126	115.	130.5	150.
00937p	POTASSIUM, TOTAL MG/L AS K)	08/04/71-05/02/91	9	8.1	9.267	15.5	6.45	8.273	2.876	6.45	7.15	15.5
00940p	CHLORIDE, TOTAL IN WATER MG/L	08/04/71-05/02/91	9	121.	126.	159.	102.	297.25	17.241	102.	114.	159.
00945p	SULFATE, TOTAL (MG/L AS SO4)	08/04/71-05/02/91	9	455.	460.333	541.	392.	3029.25	55.039	392.	408.	541.
01007	BARIUM, TOTAL (UG/L AS Ba)	04/15/77-05/02/91	8	20.	26.75	40.	14.	124.5	11.158	**	**	**
01027	CADMIUM, TOTAL (UG/L AS Cd)	04/15/77-05/02/91	8 ##	5.	5.75	10.	5.	3.071	1.753	**	**	**
01032	CHROMIUM, HEXAVALENT (UG/L AS Cr)	12/27/77-05/02/91	8 ##	5.	6.25	10.	5.	5.357	2.315	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS Cr)	04/15/77-05/02/91	8 ##	8.	13.875	50.	5.	231.554	15.217	**	**	**
01042	COPPER, TOTAL (UG/L AS Cu)	04/15/77-05/02/91	8 ##	5.	45.125	240.	5.	7081.554	84.152	**	**	**
01045	IRON, TOTAL (UG/L AS Fe)	04/15/77-12/05/91	8	0.5	45.125	170.	0.2	5541.679	74.442	**	**	**
01051	LEAD, TOTAL (UG/L AS Pb)	04/15/77-05/02/91	8 ##	5.	12.5	60.	5.	371.429	19.272	**	**	**
01055	MANGANESE, TOTAL (UG/L AS Mn)	04/15/77-05/02/91	8 ##	7.5	12.75	50.	5.	234.786	15.323	**	**	**
01067	NICKEL, TOTAL (UG/L AS Ni)	04/15/77-05/02/91	8 ##	5.	5.75	10.	5.	3.071	1.753	**	**	**
01077	SILVER, TOTAL (UG/L AS Ag)	04/15/77-05/02/91	8 ##	5.	5.75	10.	5.	3.071	1.753	**	**	**
01092	ZINC, TOTAL (UG/L AS Zn)	04/15/77-05/02/91	8	20.	39.25	180.	10.	3295.929	57.41	**	**	**
31503p	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	08/04/71-05/02/91	8	2300.	14167.5	93000.	210.	1023042078.571	31985.029	**	**	**
31503p	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	08/04/71-05/02/91	8	3.362	3.428	4.968	2.322	0.662	0.814	**	**	**
31503p	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35				2680.456							
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/04/71-05/02/91	8	91.5	261.875	1500.	23.	254653.839	504.632	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/04/71-05/02/91	8	1.961	1.973	3.176	1.362	0.352	0.593	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C				94.025							
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/04/71-05/02/91	8	100.	143.75	300.	50.	11741.071	108.356	**	**	**
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/04/71-05/02/91	8	2.	2.044	2.477	1.699	0.115	0.339	**	**	**
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR				110.668							
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/15/77-05/02/91	9	1166.	1163.778	1306.	972.	12403.194	111.37	972.	1078.	1306.
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/04/71-05/02/91	8	2.43	2.746	5.05	1.1	2.35	1.533	**	**	**
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	08/04/71-12/05/90	2	46.15	46.15	48.7	43.6	13.005	3.606	**	**	**
71900p	MERCURY, TOTAL (UG/L AS Hg)	12/07/71-05/02/91	8 ##	0.5	0.5	0.5	0.	0.	**	**	**	**

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### Annual Analysis for 1989 - Station SAMO0061

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/07/71-05/02/91	13	62.	61.231	73.	46.	52.359	7.236	48.4	57.	71.4
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/04/71-05/02/91	14	1741.5	1667.714	1940.	1181.	48754.066	220.803	1310.	1458.75	1933.5
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/04/71-04/03/91	7 ##	0.5	1.357	5.	0.5	2.893	1.701	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	08/04/71-05/02/91	14	8.	8.036	8.3	7.9	0.016	0.128	7.9	8.125	8.25
00403p	CONVERTED PH, LAB, STANDARD UNITS	08/04/71-05/02/91	14	8.	8.019	8.3	7.9	0.017	0.129	7.9	8.125	8.25
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/71-05/02/91	14	0.01	0.01	0.013	0.005	0.	0.003	0.006	0.008	0.013
00440p	BICARBONATE ION (MG/L AS HCO3)	08/04/71-05/02/91	14	201.5	210.357	255.	168.	1162.247	34.092	169.	178.	253.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/17/79-05/02/91	14 ##	0.05	0.077	0.44	0.04	0.011	0.104	0.045	0.05	0.245
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/17/79-05/02/91	14 ##	0.08	0.242	0.5	0.005	0.054	0.233	0.013	0.05	0.5
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/04/71-05/02/91	14	5.65	5.334	10.53	1.65	7.715	2.778	1.955	2.518	9.445
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/80-04/03/91	7 ##	0.5	0.5	0.5	0.	0.	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CaCO3)	08/04/71-05/02/91	14	635.	632.857	759.	467.	7043.67	83.927	501.5	580.75	744.5
00916p	CALCIUM, TOTAL (MG/L AS Ca)	08/04/71-05/02/91	14	133.	132.571	162.	98.	291.341	17.069	106.	122.25	158.5
00927p	MAGNESIUM, TOTAL (MG/L AS MG)	08/04/71-05/02/91	14	73.5	73.279	87.	54.	105.254	10.259	56.55	66.975	86.5
00929p	SODIUM, TOTAL (MG/L AS Na)	08/04/71-05/02/91	14	148.5	142.929	172.	86.	514.995	22.693	104.5	126.75	167.5
00937p	POTASSIUM, TOTAL MG/L AS K)	08/04/71-05/02/91	14	8.65	11.086	42.	7.2	80.267	8.959	7.4	7.75	26.55
00940p	CHLORIDE, TOTAL IN WATER MG/L	08/04/71-05/02/91	14	143.5	135.286	169.	72.	778.527	27.902	88.5	108.5	165.

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### Annual Analysis for 1989 - Station SAMO0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00945p	SULFATE, TOTAL (MG/L AS SO4)	08/04/71-05/02/91	14	479.5	485.214	571.	363.	4474.181	66.889	385.	424.5	556.5	569.5
01007	BARIUM, TOTAL (UG/L AS BA)	04/15/77-05/02/91	14	30.	32.5	90.	5.	487.5	22.079	12.5	20.	32.5	80.
01027	CADMIUM, TOTAL (UG/L AS CD)	04/15/77-05/02/91	14###	5.	7.143	20.	5.	29.67	5.447	5.	5.	5.	20.
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	12/27/77-05/02/91	14###	10.	10.357	15.	10.	1.786	1.336	10.	10.	10.	12.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/15/77-05/02/91	14###	15.	12.857	20.	5.	29.67	5.447	5.	5.	15.	20.
01042	COPPER, TOTAL (UG/L AS CU)	04/15/77-05/02/91	14###	5.	6.071	20.	5.	16.071	4.009	5.	5.	5.	12.5
01045	IRON, TOTAL (UG/L AS FE)	04/15/77-12/05/91	14	110.	148.214	440.	5.	21963.874	148.202	5.	16.25	270.	425.
01051	LEAD, TOTAL (UG/L AS PB)	04/15/77-05/02/91	14###	5.	41.071	300.	5.	7039.148	83.9	5.	5.	25.	225.
01055	MANGANESE, TOTAL (UG/L AS MN)	04/15/77-05/02/91	14###	7.5	9.643	20.	5.	36.401	6.033	5.	5.	12.5	20.
01067	NICKEL, TOTAL (UG/L AS NI)	04/15/77-05/02/91	14###	5.	13.571	90.	5.	513.187	22.654	5.	5.	12.5	55.
01077	SILVER, TOTAL (UG/L AS AG)	04/15/77-05/02/91	14###	5.	6.071	20.	5.	16.071	4.009	5.	5.	5.	12.5
01092	ZINC, TOTAL (UG/L AS ZN)	04/15/77-05/02/91	14###	5.	16.429	80.	5.	440.11	20.979	5.	5.	20.	60.
31503p	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	08/04/71-05/02/91	14	1700.	2327.143	13000.	170.	10721821.978	3274.419	200.	490.	3150.	8250.
31503p	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	08/04/71-05/02/91	14	3.23	3.091	4.114	2.23	0.261	0.511	2.296	2.69	3.498	3.829
31503p	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			1233.768								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/04/71-05/02/91	14	110.	340.857	1300.	17.	204572.593	452.297	33.	71.5	445.	1300.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/04/71-05/02/91	14	2.041	2.197	3.114	1.23	0.318	0.564	1.46	1.846	2.613	3.114
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			157.252								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/04/71-05/02/91	14	475.	1173.571	7500.	50.	4840701.648	2200.159	50.	175.	572.5	6200.
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/04/71-05/02/91	14	2.676	2.586	3.875	1.699	0.399	0.632	1.699	2.226	2.749	3.783
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			385.542								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/15/77-05/02/91	14	1210.	1198.714	1573.	823.	38163.912	195.356	906.5	1045.5	1335.5	1477.5
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/04/71-05/02/91	14	1.91	1.923	3.4	0.29	0.555	0.745	0.795	1.43	2.5	3.05
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	08/04/71-12/05/90	14	25.	23.6	46.6	7.3	151.108	12.293	8.65	11.15	34.125	41.8
71900p	MERCURY, TOTAL (UG/L AS HG)	12/07/71-05/02/91	14###	0.5	0.964	7.	0.5	3.018	1.737	0.5	0.5	0.5	3.75

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### Annual Analysis for 1990 - Station SAMO0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/07/71-05/02/91	8	60.	59.5	65.	50.	21.714	4.66	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/04/71-05/02/91	8	1861.	1858.75	2080.	1602.	25664.214	160.201	**	**	**	**
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/04/71-04/03/91	3	1.	1.333	2.	1.	0.333	0.577	**	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	08/04/71-05/02/91	8	8.15	8.15	8.2	8.1	0.003	0.053	**	**	**	**
00403p	CONVERTED PH, LAB, STANDARD UNITS	08/04/71-05/02/91	8	8.147	8.147	8.2	8.1	0.003	0.054	**	**	**	**
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/71-05/02/91	8	0.007	0.007	0.008	0.006	0.	0.001	**	**	**	**
00440p	BICARBONATE ION (MG/L AS HCO3)	08/04/71-05/02/91	8	187.5	194.875	250.	157.	1340.982	36.619	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/17/79-05/02/91	8##	0.05	0.106	0.5	0.05	0.025	0.159	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/17/79-05/02/91	8##	0.05	0.049	0.05	0.04	0.	0.004	**	**	**	**
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/04/71-05/02/91	8	6.77	6.195	9.2	1.4	7.579	2.753	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/80-04/03/91	3	2.8	7.	17.7	0.5	87.19	9.338	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CaCO3)	08/04/71-05/02/91	8	662.	657.5	789.	547.	5544.	74.458	**	**	**	**
00916p	CALCIUM, TOTAL (MG/L AS Ca)	08/04/71-05/02/91	8	133.	134.75	161.	110.	251.929	15.872	**	**	**	**
00927p	MAGNESIUM, TOTAL (MG/L AS MG)	08/04/71-05/02/91	8	77.3	78.	94.	66.2	88.306	9.397	**	**	**	**
00929p	SODIUM, TOTAL (MG/L AS Na)	08/04/71-05/02/91	8	169.5	168.	184.	142.	198.571	14.092	**	**	**	**
00937p	POTASSIUM, TOTAL MG/L AS K)	08/04/71-05/02/91	8	8.045	7.636	9.1	5.6	1.15	1.072	**	**	**	**
00940p	CHLORIDE, TOTAL IN WATER MG/L	08/04/71-05/02/91	8	162.	162.375	176.	151.	94.268	9.709	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	08/04/71-05/02/91	8	520.	521.125	604.	406.	4458.125	66.769	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS Ba)	04/15/77-05/02/91	8	40.	40.	70.	30.	171.429	13.093	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS Cd)	04/15/77-05/02/91	8##	5.	6.875	20.	5.	28.125	5.303	**	**	**	**
01032	CHROMIUM, HEXAVALENT (UG/L AS Cr)	12/27/77-05/02/91	8##	10.	10.	10.	10.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS Cr)	04/15/77-05/02/91	8##	10.	11.25	15.	10.	5.357	2.315	**	**	**	**
01042	COPPER, TOTAL (UG/L AS Cu)	04/15/77-05/02/91	8	10.	12.5	20.	5.	42.857	6.547	**	**	**	**
01045	IRON, TOTAL (UG/L AS Fe)	04/15/77-12/05/91	8	130.	222.5	710.	40.	48764.286	220.826	**	**	**	**
01051	LEAD, TOTAL (UG/L AS Pb)	04/15/77-05/02/91	8##	5.	5.	5.	5.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS Mn)	04/15/77-05/02/91	8	10.	13.125	30.	5.	85.268	9.234	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1990 - Station SAMO0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01067	NICKEL, TOTAL (UG/L AS NI)	04/15/77-05/02/91	8 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	04/15/77-05/02/91	8 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	04/15/77-05/02/91	8	45.	45.	80.	10.	600.	24.495	**	**	**	**
31503p	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	08/04/71-05/02/91	8	2390.	5736.25	22000.	230.	55104455.357	7423.238	**	**	**	**
31503p	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	08/04/71-05/02/91	8	3.359	3.357	4.342	2.362	0.508	0.713	**	**	**	**
31503p	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			2274.447								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/04/71-05/02/91	8	130.	2809.125	14000.	8.	27910053.554	5282.997	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/04/71-05/02/91	8	2.114	2.33	4.146	0.903	1.305	1.142	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			213.896								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/04/71-05/02/91	8	650.	1701.25	7900.	170.	6796841.071	2607.075	**	**	**	**
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/04/71-05/02/91	8	2.801	2.885	3.898	2.23	0.319	0.565	**	**	**	**
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			767.08								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/15/77-05/02/91	8	1241.	1280.	1583.	1090.	28448.571	168.667	**	**	**	**
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/04/71-05/02/91	7	2.45	2.929	6.5	1.6	2.757	1.66	**	**	**	**
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	08/04/71-12/05/90	8	29.95	27.413	40.7	6.2	148.387	12.181	**	**	**	**
71900p	MERCURY, TOTAL (UG/L AS HG)	12/07/71-05/02/91	8 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1991 - Station SAMO0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/07/71-05/02/91	4	59.	59.	62.	56.	6.667	2.582	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/04/71-05/02/91	4	1773.	1686.75	1839.	1362.	49072.917	221.524	**	**	**	**
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/04/71-04/03/91	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	08/04/71-05/02/91	4	8.2	8.2	8.3	8.1	0.007	0.082	**	**	**	**
00403p	CONVERTED PH, LAB, STANDARD UNITS	08/04/71-05/02/91	4	8.2	8.194	8.3	8.1	0.007	0.082	**	**	**	**
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/71-05/02/91	4	0.006	0.006	0.008	0.005	0.	0.001	**	**	**	**
00440p	BICARBONATE ION (MG/L AS HCO3)	08/04/71-05/02/91	4	182.	196.75	265.	158.	2582.25	50.816	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/17/79-05/02/91	4	0.1	0.1	0.15	0.05	0.002	0.048	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/17/79-05/02/91	4##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/04/71-05/02/91	4	7.11	6.848	10.89	2.28	19.359	4.4	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/80-04/03/91	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CaCO3)	08/04/71-05/02/91	4	598.5	590.5	662.	503.	4336.333	65.851	**	**	**	**
00916p	CALCIUM, TOTAL (MG/L AS Ca)	08/04/71-05/02/91	4	112.	109.675	137.	77.7	673.956	25.961	**	**	**	**
00927p	MAGNESIUM, TOTAL (MG/L AS MG)	08/04/71-05/02/91	4	76.35	76.875	82.3	72.5	17.416	4.173	**	**	**	**
00929p	SODIUM, TOTAL (MG/L AS Na)	08/04/71-05/02/91	4	154.5	149.	173.	114.	622.	24.94	**	**	**	**
00937p	POTASSIUM, TOTAL MG/L AS K)	08/04/71-05/02/91	4	4.5	4.84	7.1	3.26	2.778	1.667	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	08/04/71-05/02/91	4	147.	146.	186.	104.	1234.667	35.138	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	08/04/71-05/02/91	4	494.	473.75	537.	370.	5290.917	72.739	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS Ba)	04/15/77-05/02/91	3	30.	30.	40.	20.	100.	10.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS Cd)	04/15/77-05/02/91	3##	5.	5.	5.	5.	0.	0.	**	**	**	**
01032	CHROMIUM, HEXAVALENT (UG/L AS Cr)	12/27/77-05/02/91	3##	15.	15.	15.	15.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS Cr)	04/15/77-05/02/91	3##	10.	10.	10.	10.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS Cu)	04/15/77-05/02/91	3##	10.	16.667	30.	10.	133.333	11.547	**	**	**	**
01045	IRON, TOTAL (UG/L AS Fe)	04/15/77-12/05/91	6	2.5	28.	120.	1.	2262.8	47.569	**	**	**	**
01051	LEAD, TOTAL (UG/L AS Pb)	04/15/77-05/02/91	3##	5.	5.	5.	5.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS Mn)	04/15/77-05/02/91	3	30.	21.667	30.	5.	208.333	14.434	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS Ni)	04/15/77-05/02/91	3##	5.	5.	5.	5.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS Ag)	04/15/77-05/02/91	3##	5.	5.	5.	5.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS Zn)	04/15/77-05/02/91	3	70.	83.333	120.	60.	1033.333	32.146	**	**	**	**
31503p	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	08/04/71-05/02/91	3	2300.	1843.333	3000.	230.	2074633.333	1440.359	**	**	**	**
31503p	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	08/04/71-05/02/91	3	3.362	3.067	3.477	2.362	0.376	0.613	**	**	**	**
31503p	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			1166.431								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/04/71-05/02/91	3	40.	48.	90.	14.	1492.	38.626	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/04/71-05/02/91	3	1.602	1.567	1.954	1.146	0.164	0.405	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			36.938								

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

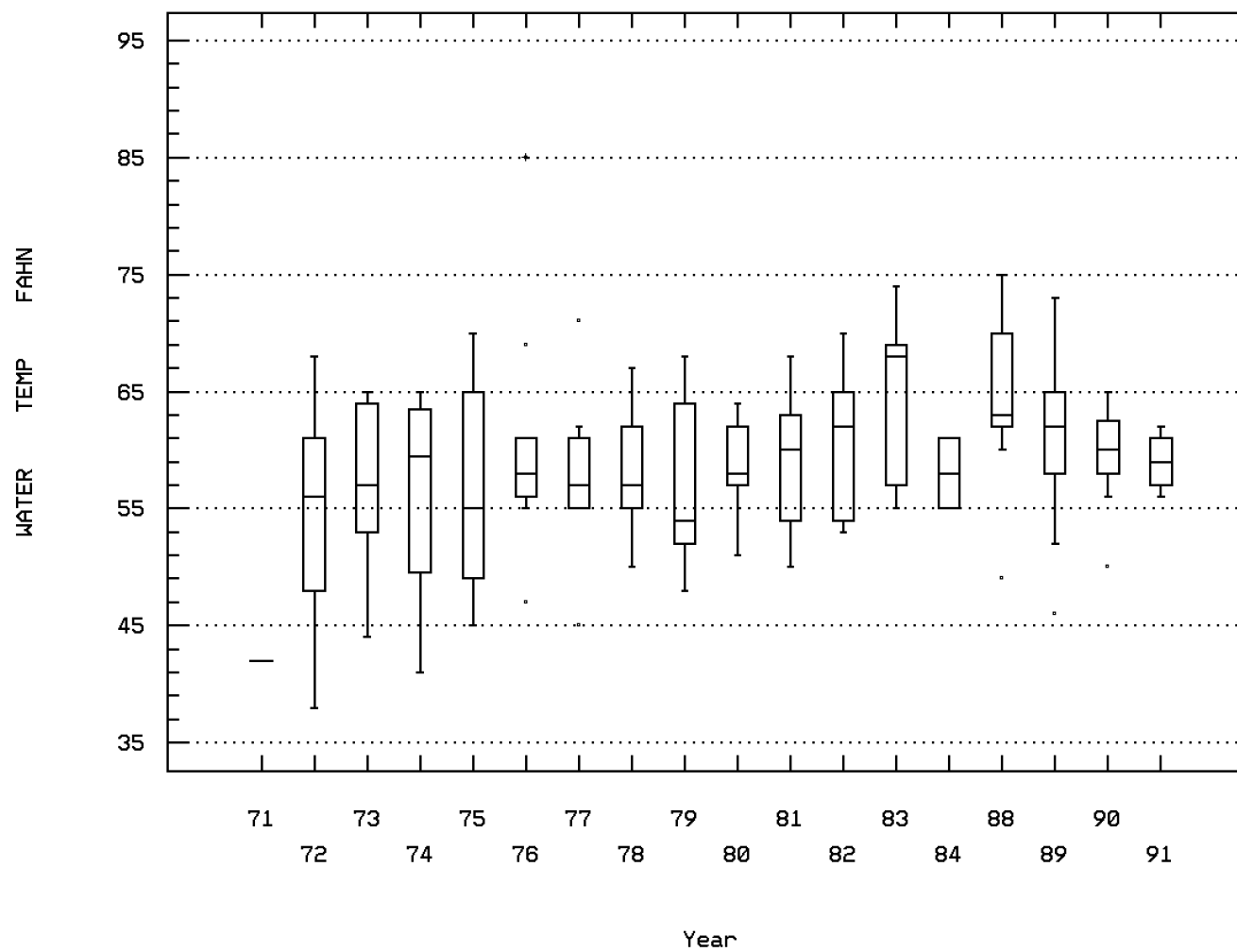
### Annual Analysis for 1991 - Station SAMO0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/04/71-05/02/91	3	1300.	1423.333	2800.	170.	1740633.333	1319.331	**	**	**	**
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/04/71-05/02/91	3	3.114	2.931	3.447	2.23	0.395	0.629	**	**	**	**
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	04/15/77-05/02/91	4	1248.	1176.75	1292.	919.	29957.583	173.083	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/04/71-05/02/91	4	1.66	1.913	3.36	0.97	1.166	1.08	**	**	**	**
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	12/07/71-05/02/91	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71900p	MERCURY, TOTAL (UG/L AS HG)												

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

Station: SAM00061 Parameter Code: 00011

TEMPERATURE, WATER (DEGREES FAHRENHEIT)

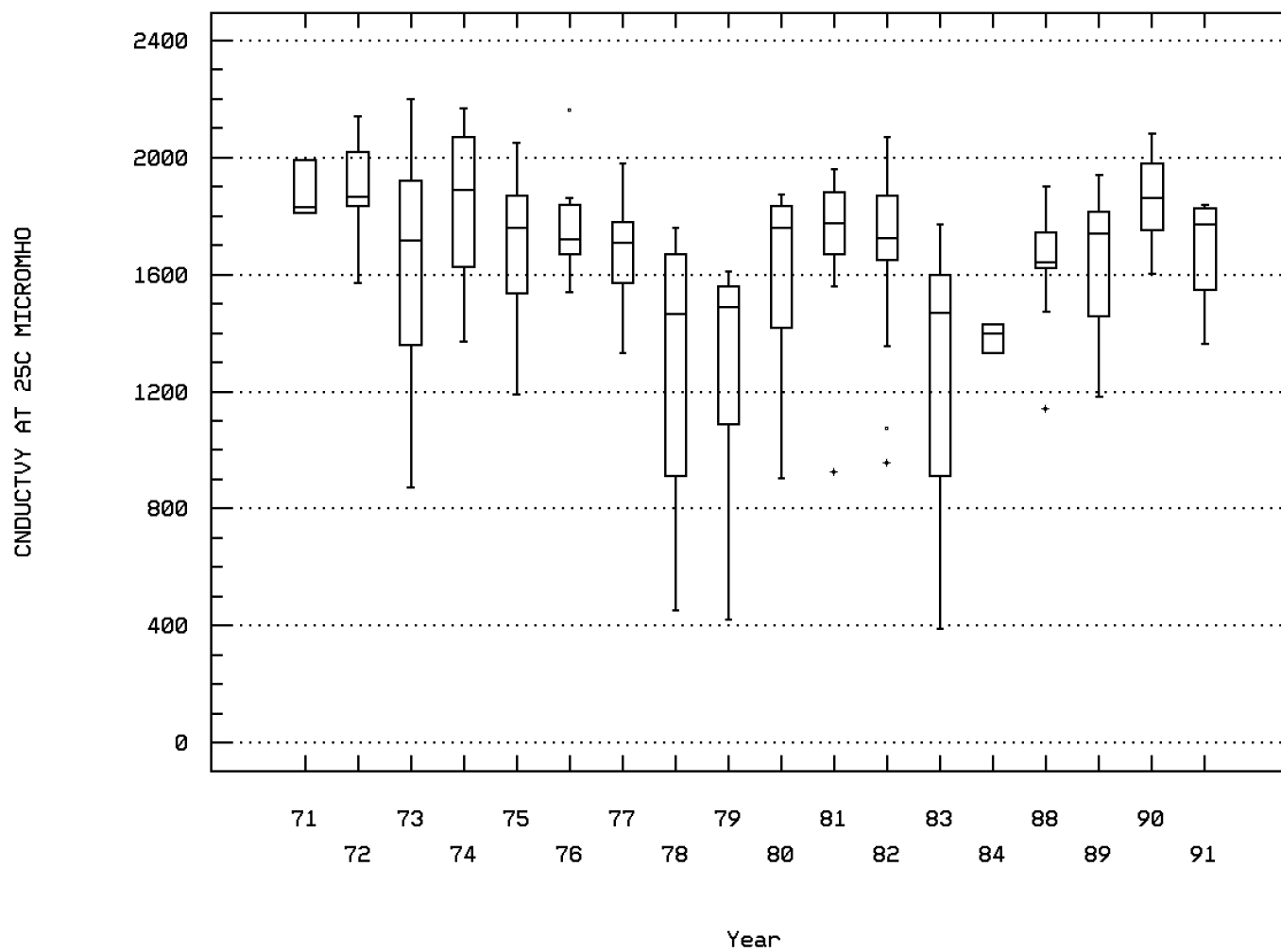


MALIBU CREEK @ CROSS CREEK ROAD



Station: SAM00061 Parameter Code: 00095

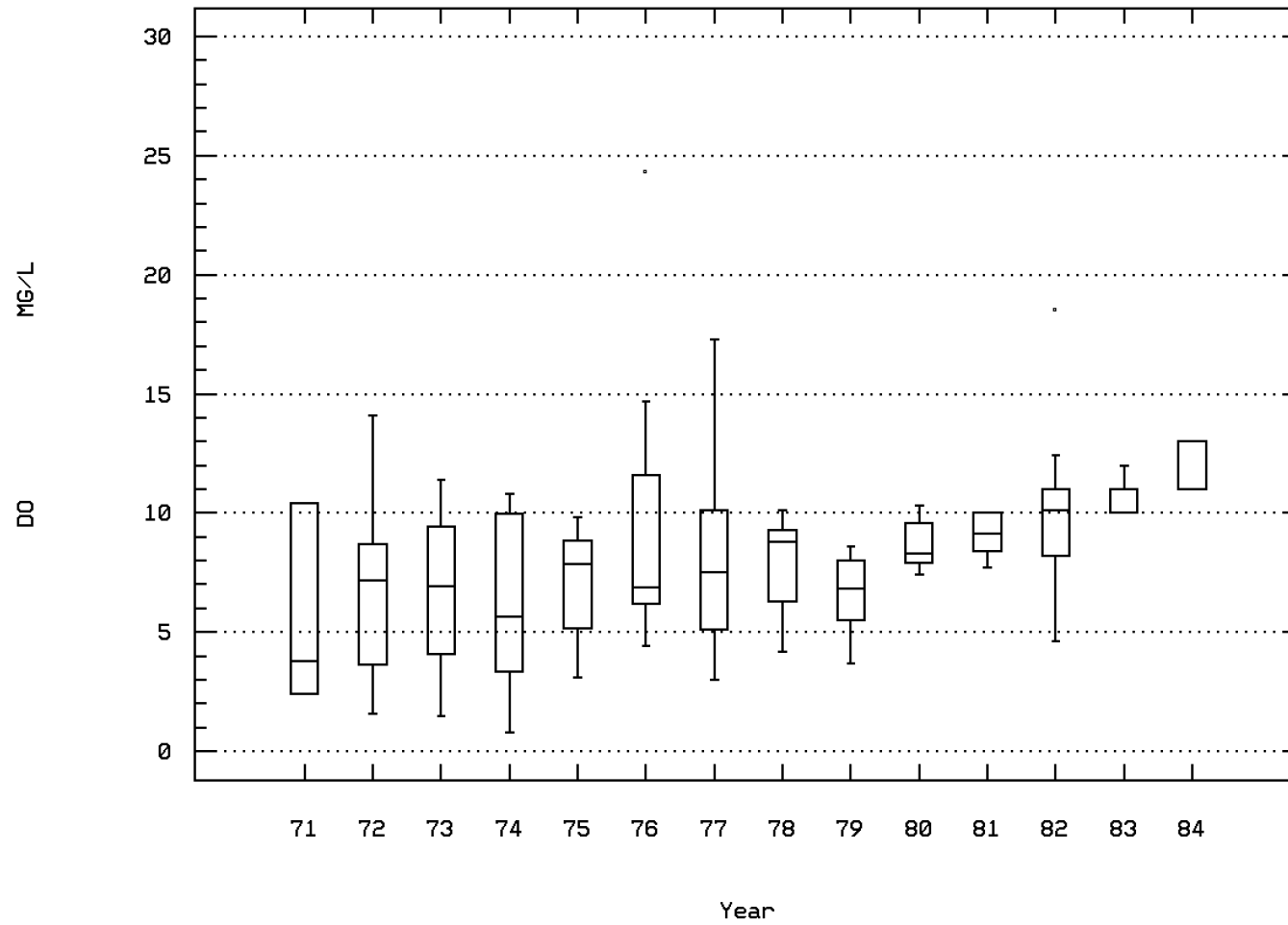
SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)



MALIBU CREEK @ CROSS CREEK ROAD

Station: SAM00061 Parameter Code: 00300

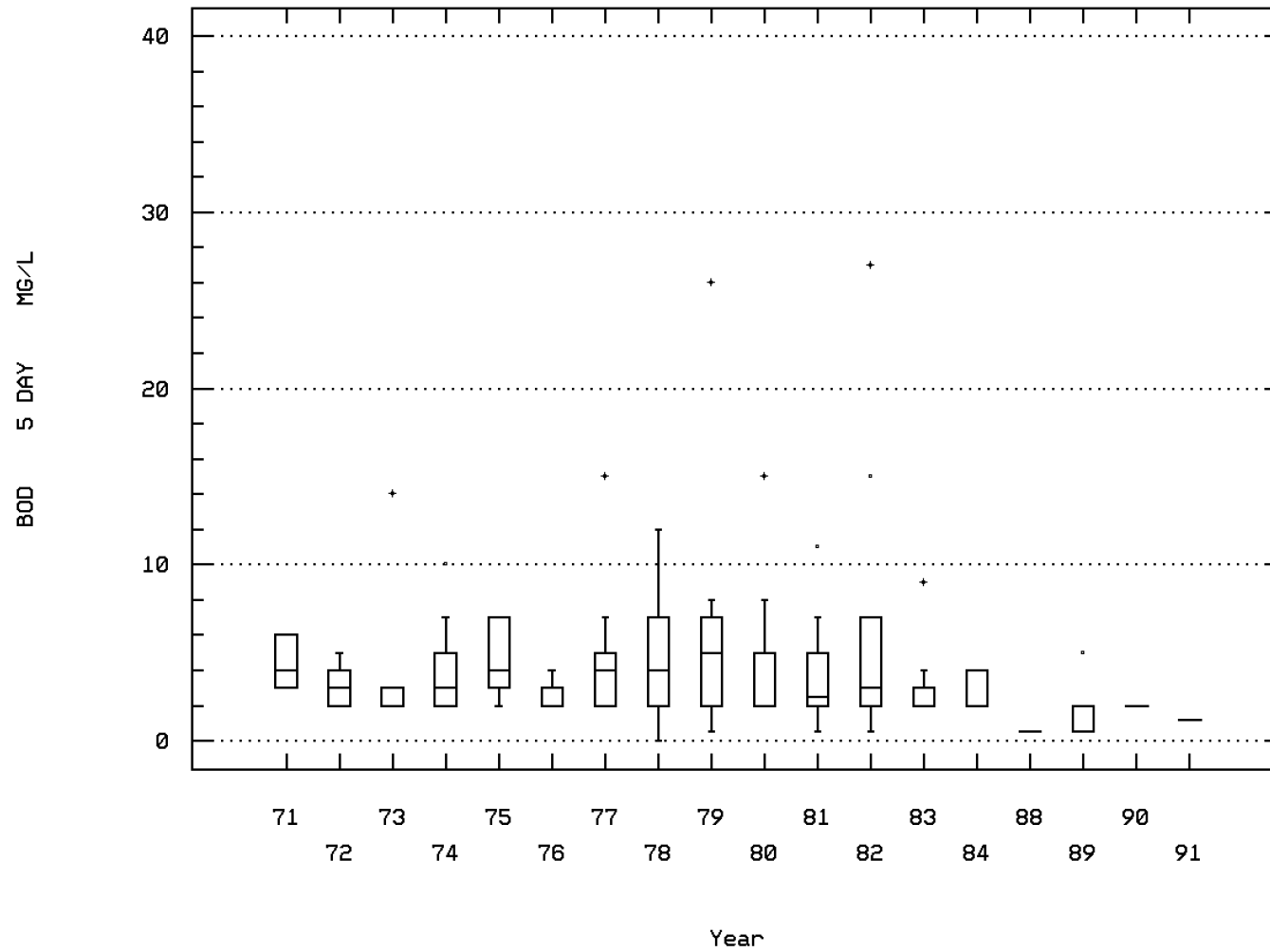
OXYGEN, DISSOLVED



MALIBU CREEK @ CROSS CREEK ROAD

Station: SAM00061 Parameter Code: 00310

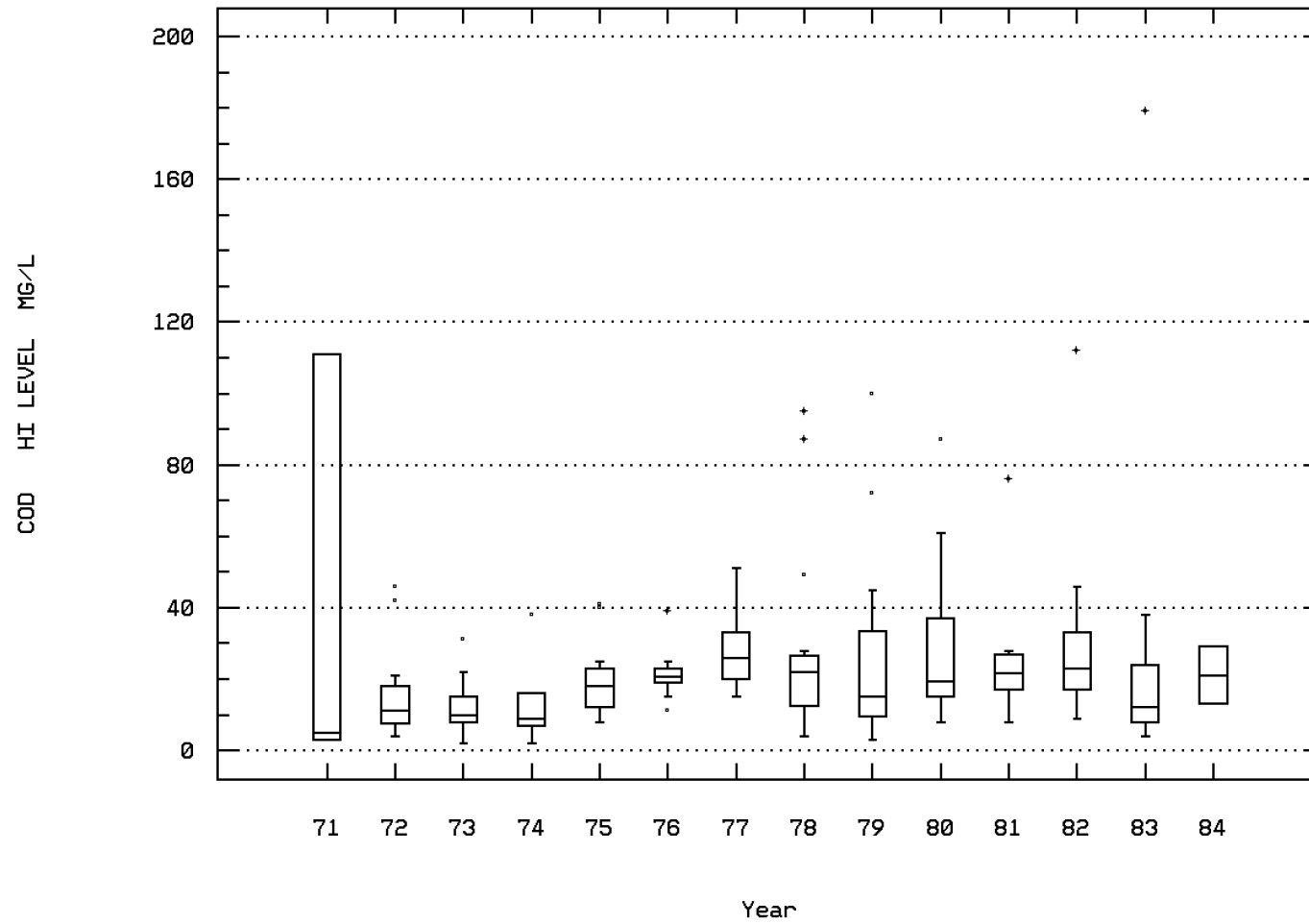
BOD, 5 DAY, 20 DEG C



MALIBU CREEK @ CROSS CREEK ROAD

Station: SAM00061 Parameter Code: 00340

COD, .25N K2CR207

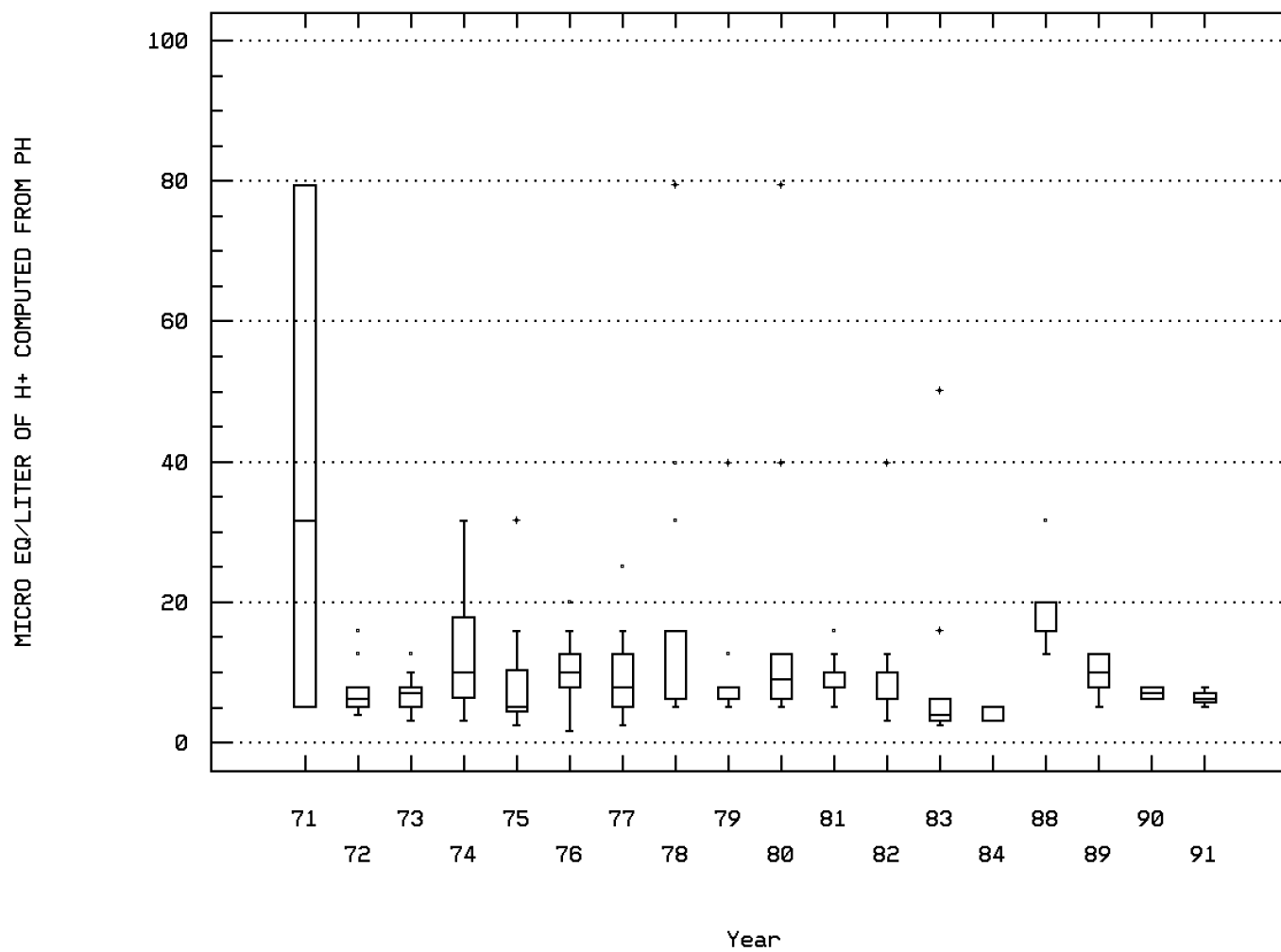


MALIBU CREEK @ CROSS CREEK ROAD

Station: SAM00061 Parameter Code: 00403

MICRO EQ/LITER OF H+ COMPUTED FROM PH

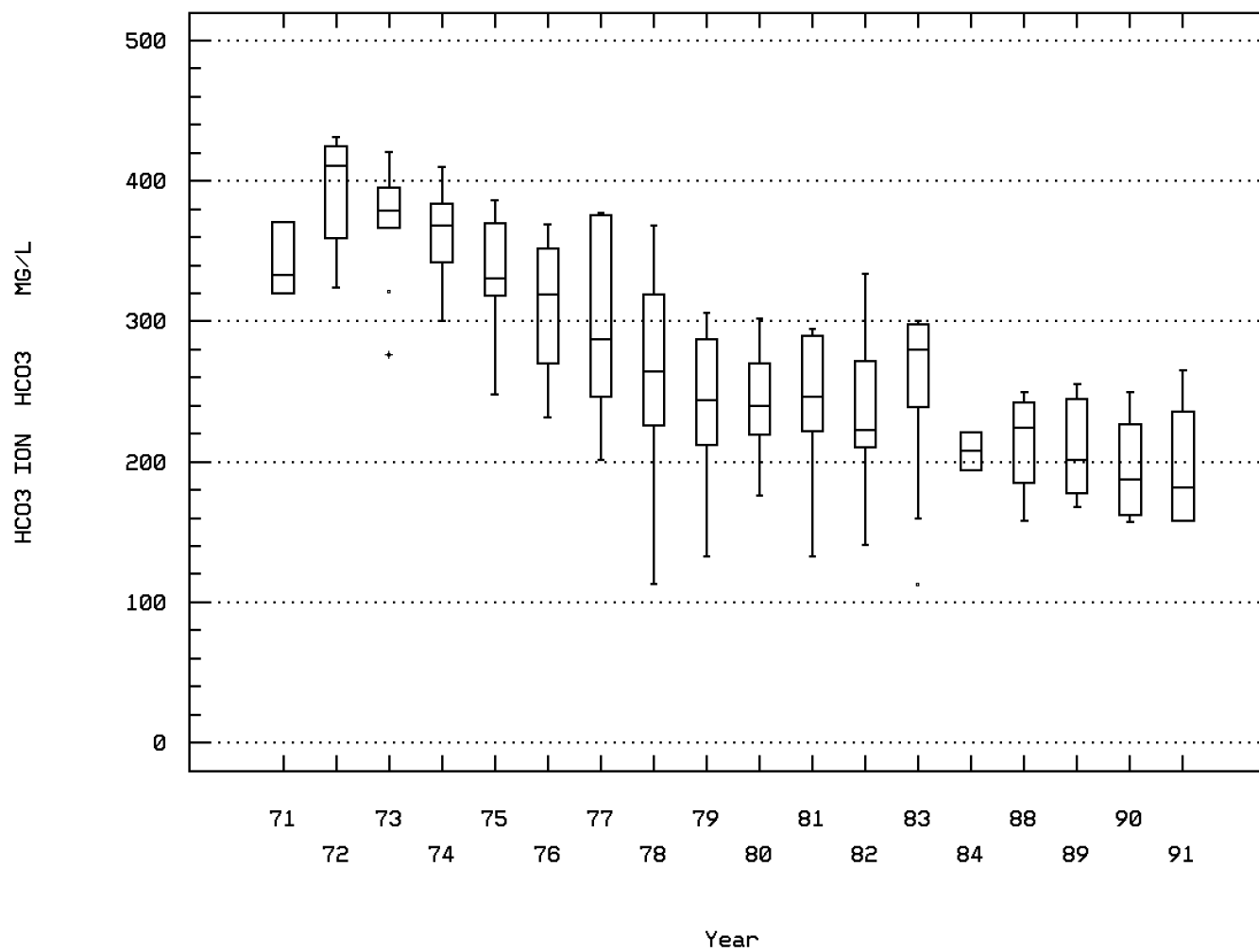
(X 0.001)



MALIBU CREEK @ CROSS CREEK ROAD

Station: SAM00061 Parameter Code: 00440

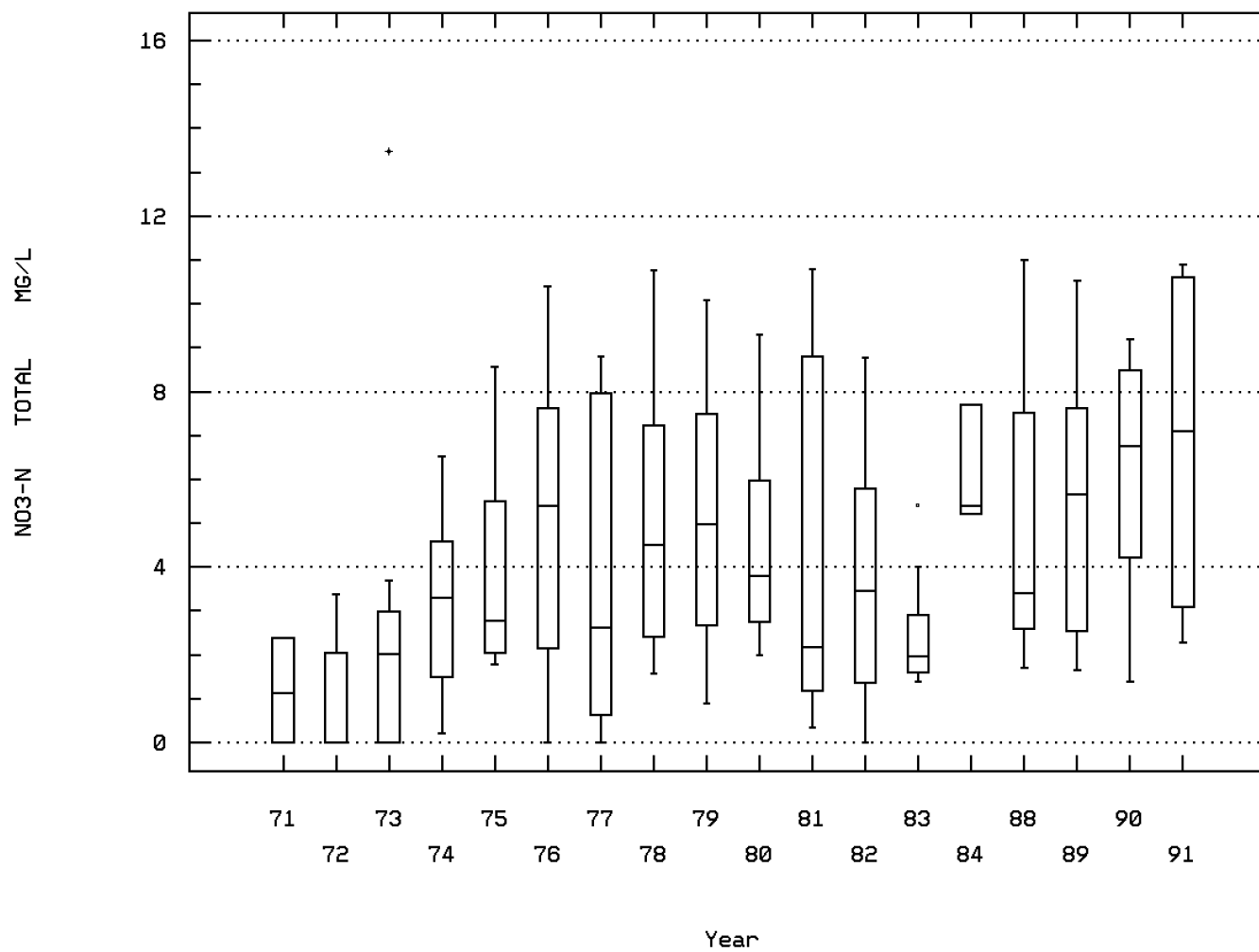
BICARBONATE ION (MG/L AS HCO<sub>3</sub>)



MALIBU CREEK @ CROSS CREEK ROAD

Station: SAM00061 Parameter Code: 00620

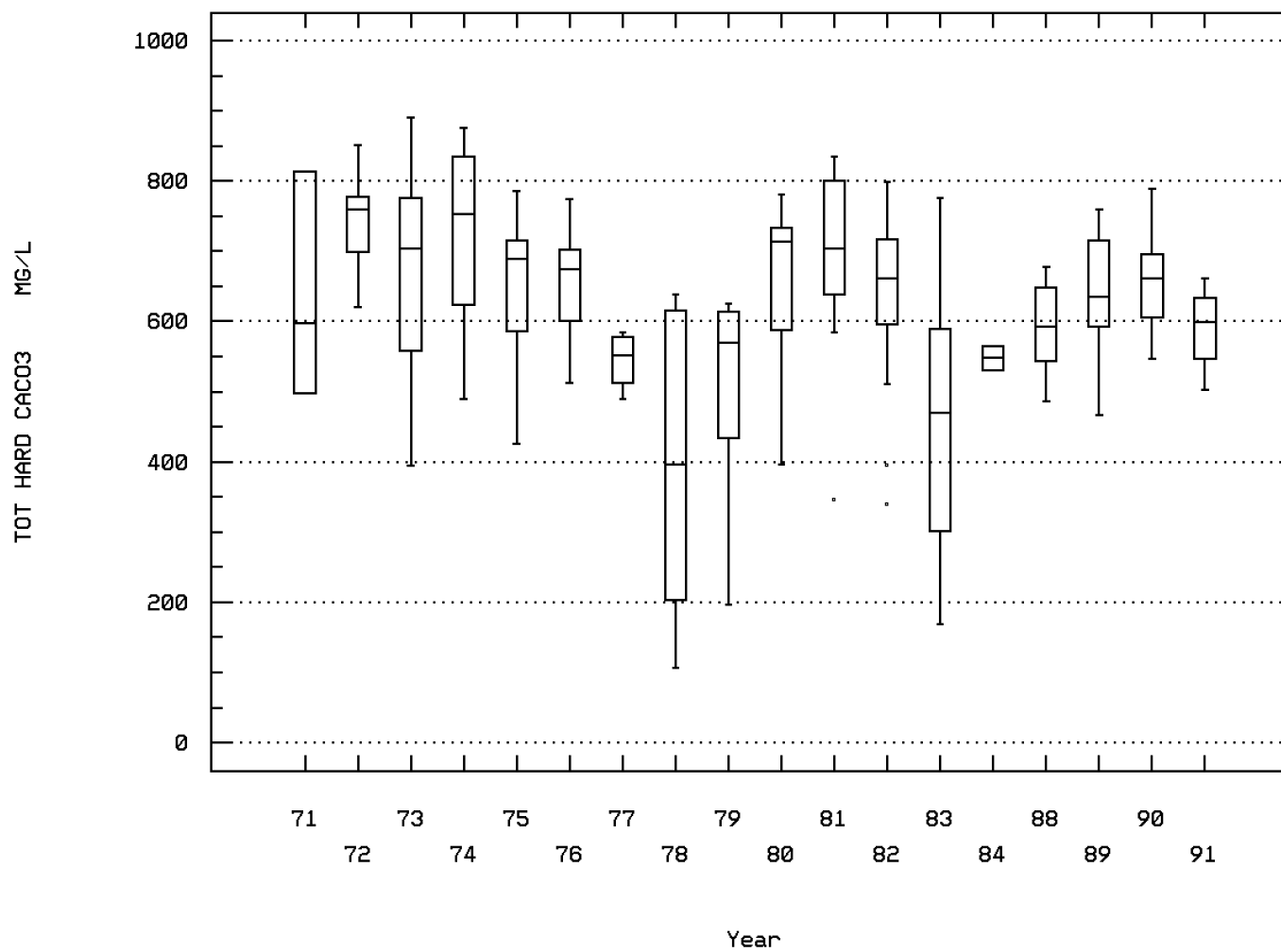
NITRATE NITROGEN, TOTAL (MG/L AS N)



MALIBU CREEK @ CROSS CREEK ROAD

Station: SAM00061 Parameter Code: 00900

HARDNESS, TOTAL (MG/L AS CaCO3)

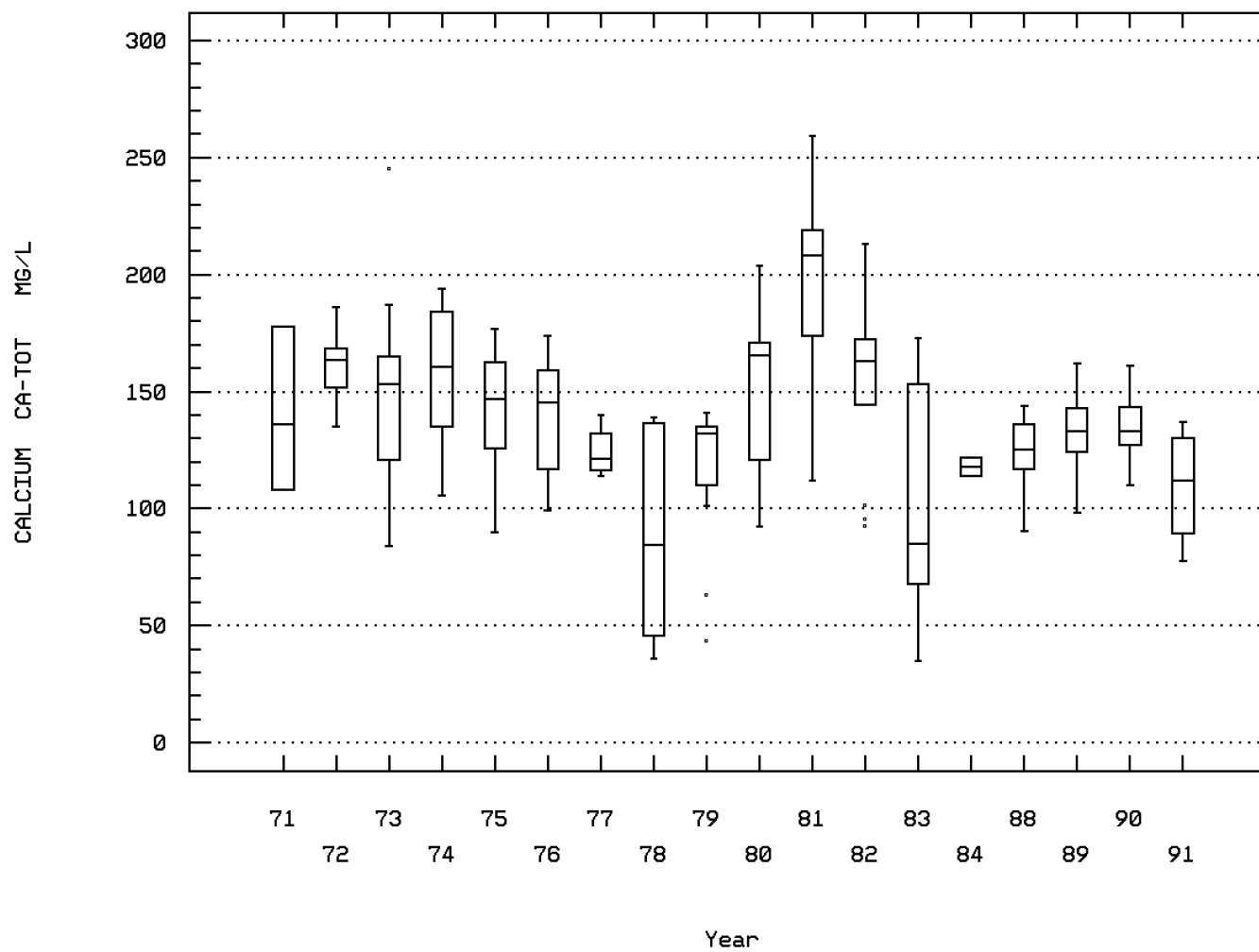


MALIBU CREEK @ CROSS CREEK ROAD



Station: SAM00061 Parameter Code: 00916

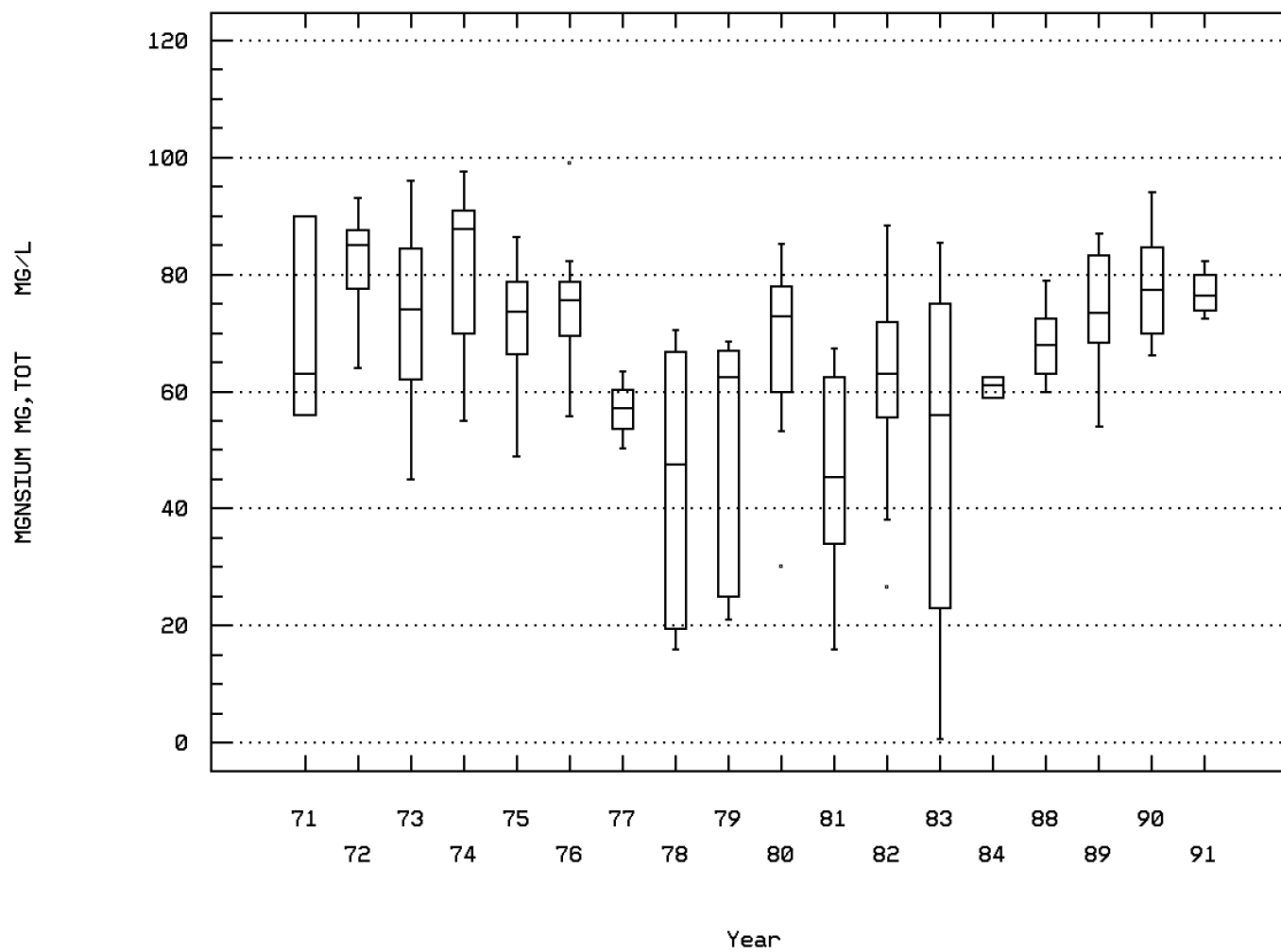
CALCIUM, TOTAL (MG/L AS CA)



MALIBU CREEK @ CROSS CREEK ROAD

Station: SAM00061 Parameter Code: 00927

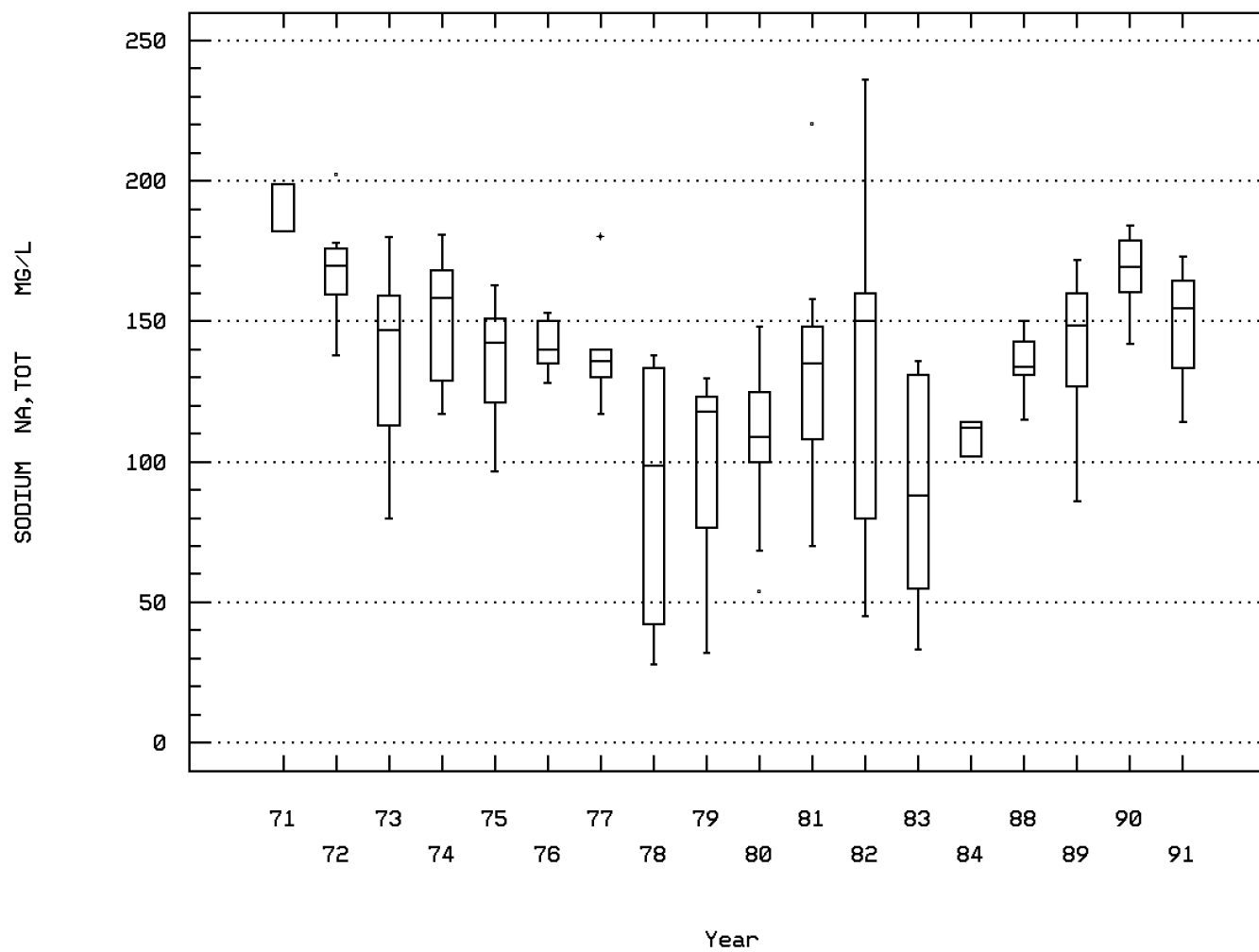
MAGNESIUM, TOTAL (MG/L AS MG)



MALIBU CREEK @ CROSS CREEK ROAD

Station: SAM00061 Parameter Code: 00929

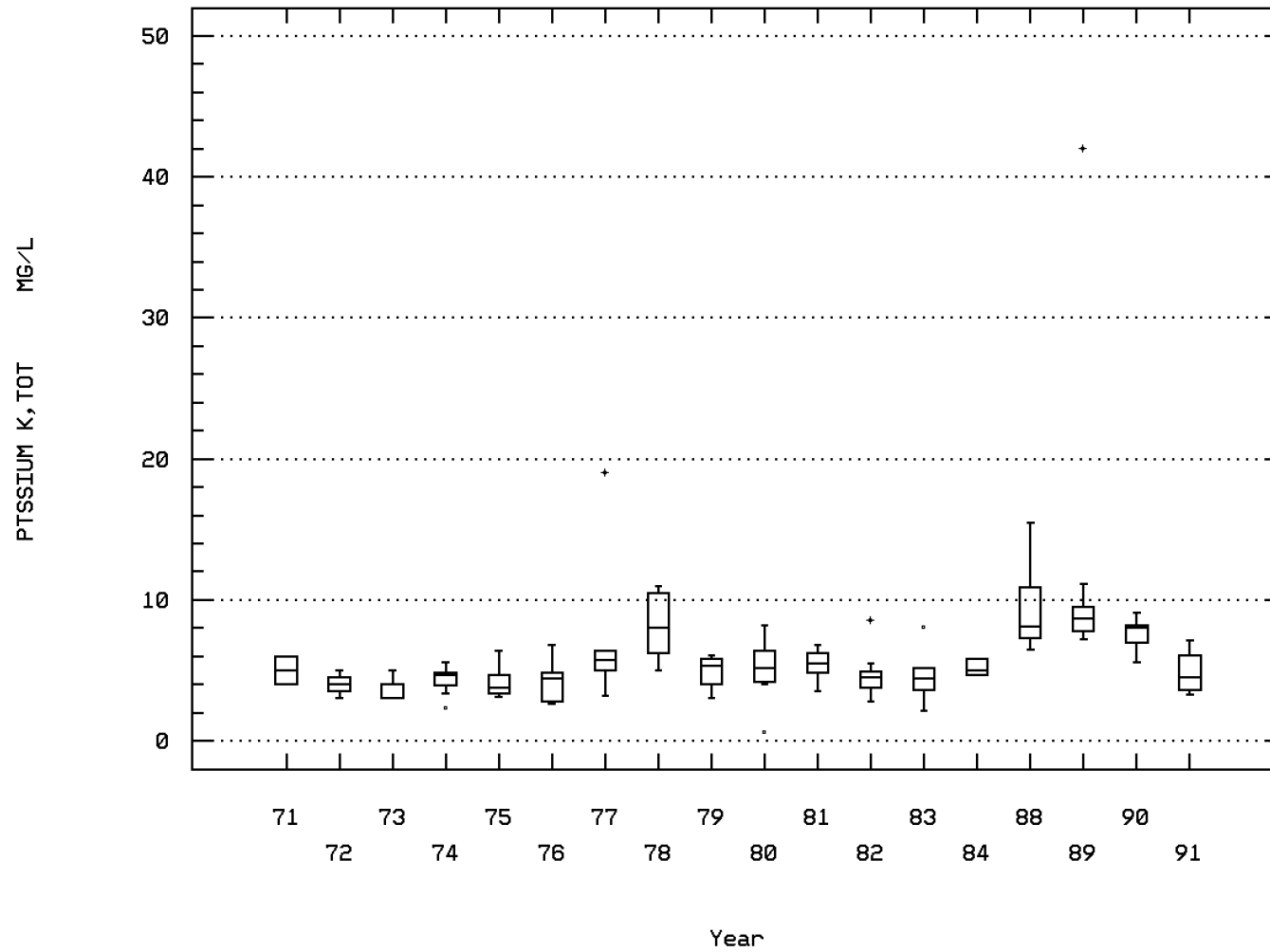
SODIUM, TOTAL (MG/L AS NA)



MALIBU CREEK @ CROSS CREEK ROAD

Station: SAM00061 Parameter Code: 00937

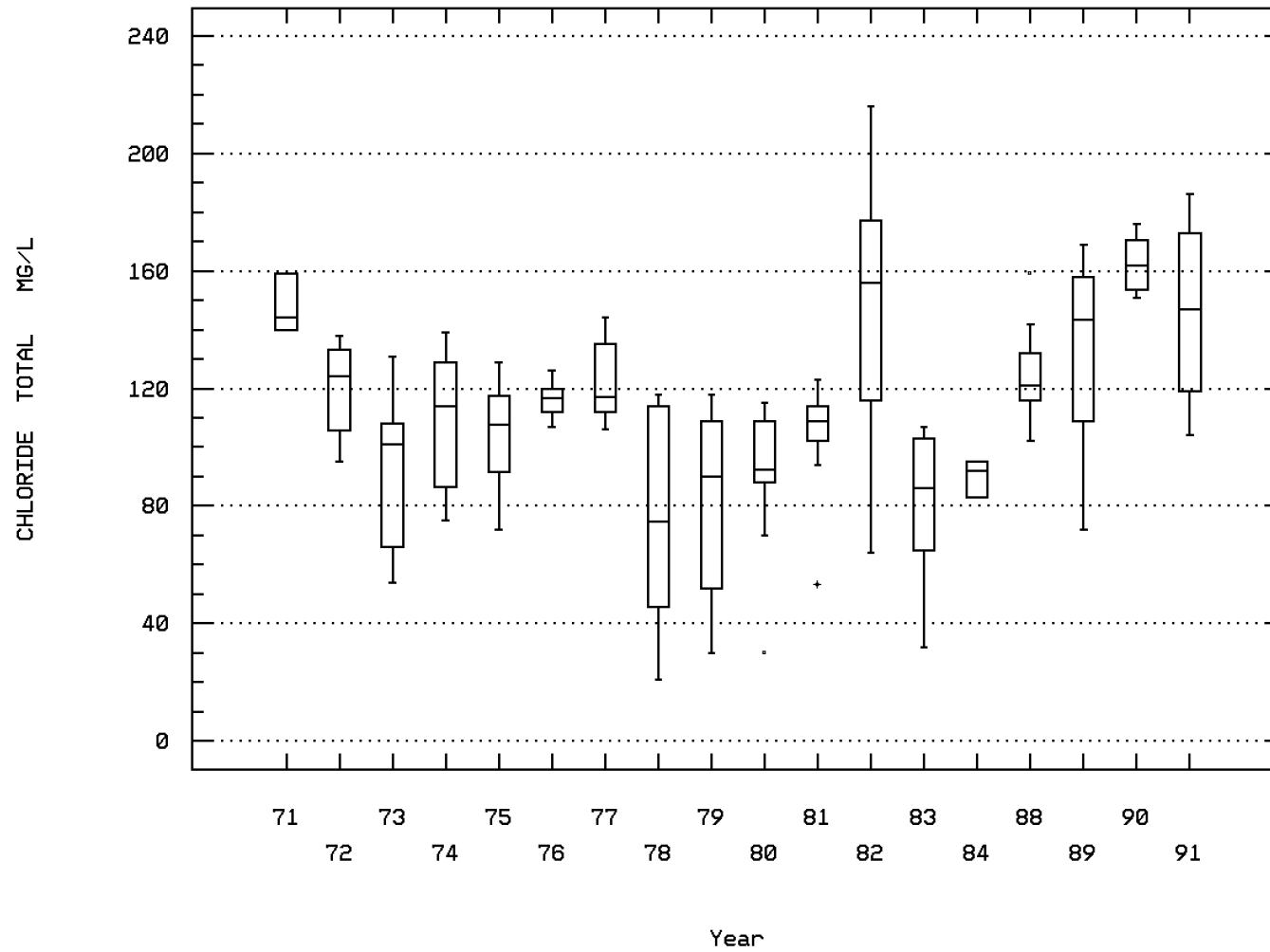
POTASSIUM, TOTAL MG/L AS K)



MALIBU CREEK @ CROSS CREEK ROAD

Station: SAM00061 Parameter Code: 00940

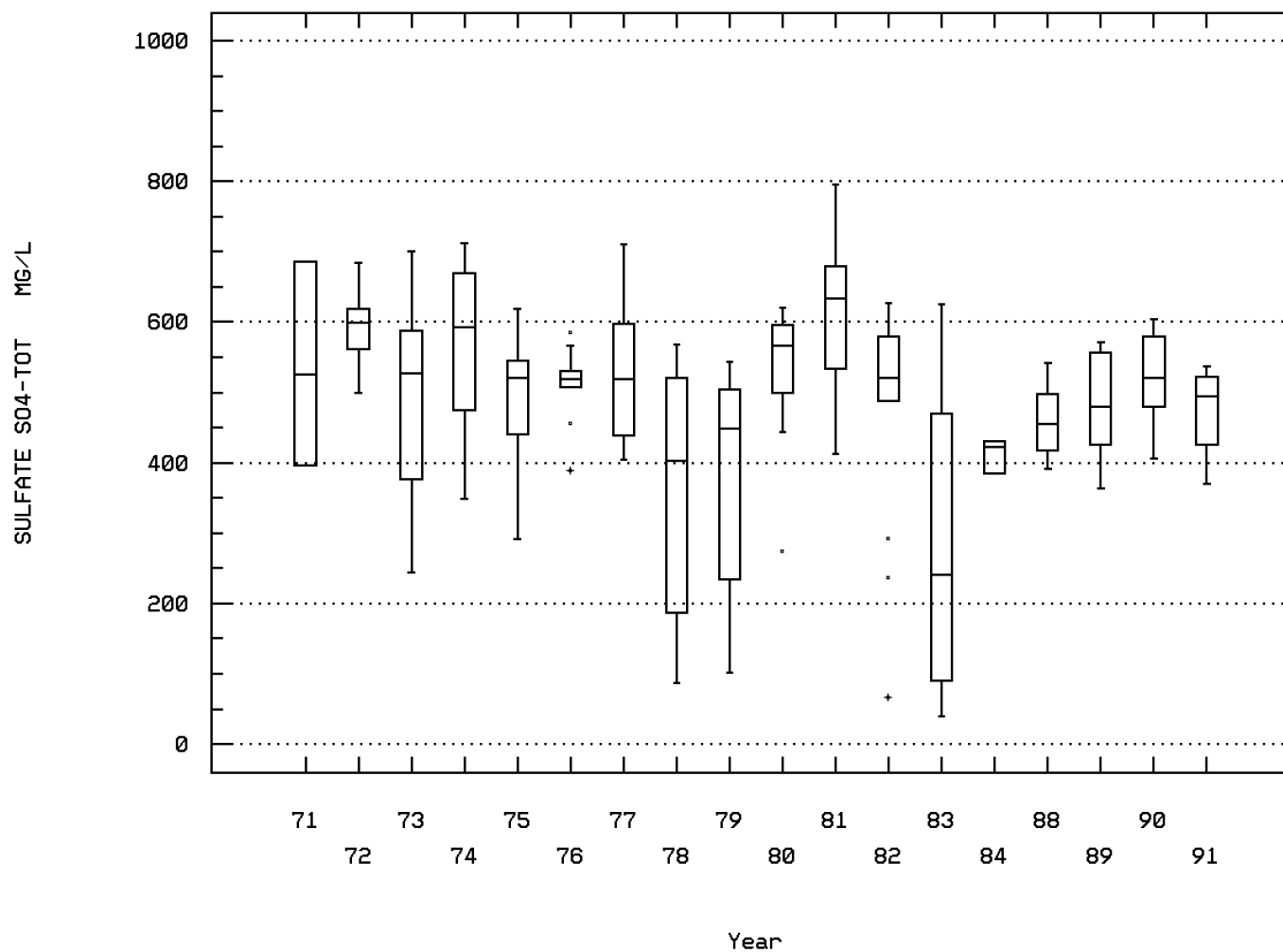
CHLORIDE, TOTAL IN WATER



MALIBU CREEK @ CROSS CREEK ROAD

Station: SAM00061 Parameter Code: 00945

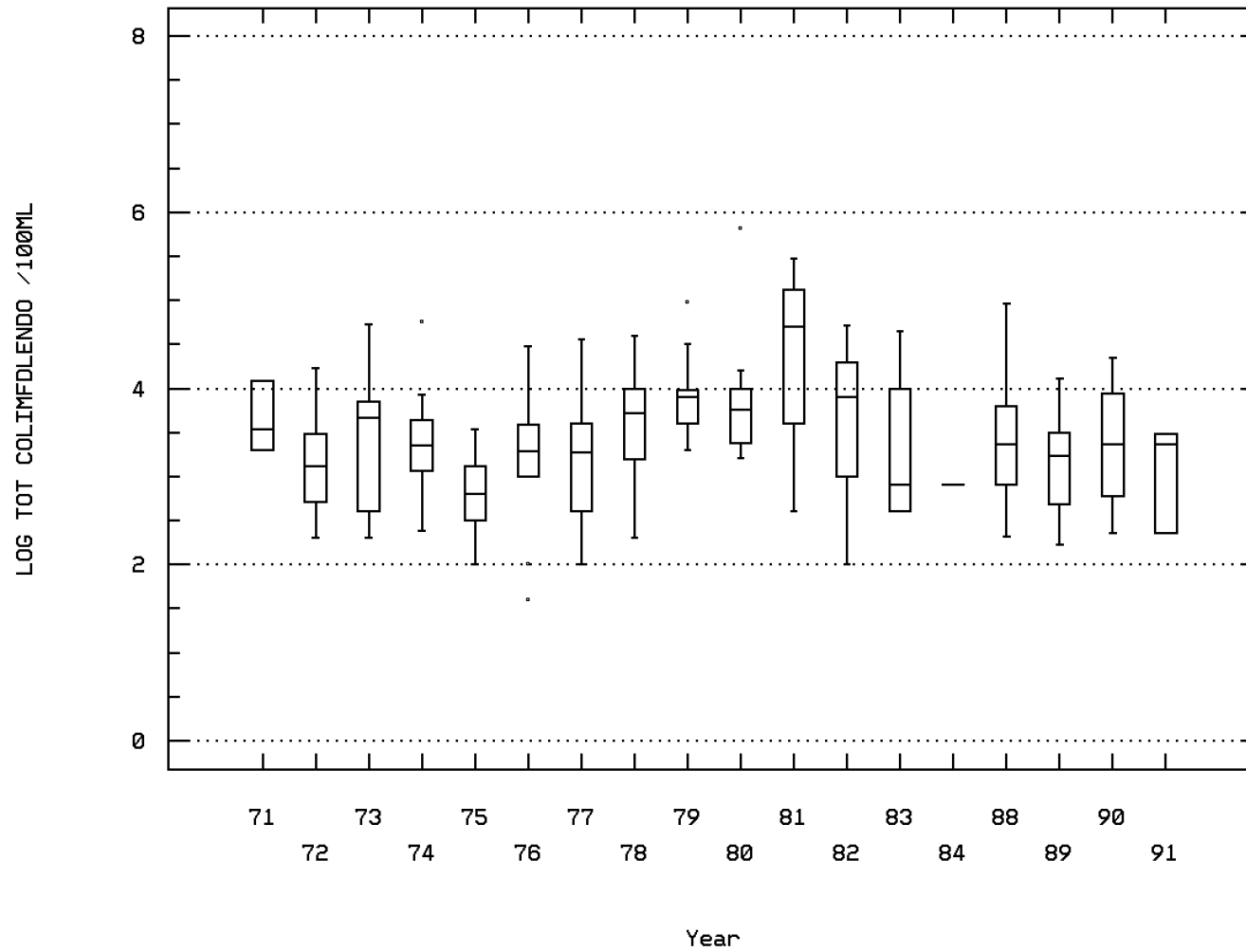
SULFATE, TOTAL (MG/L AS SO4)



MALIBU CREEK @ CROSS CREEK ROAD

Station: SAM00061 Parameter Code: 31503

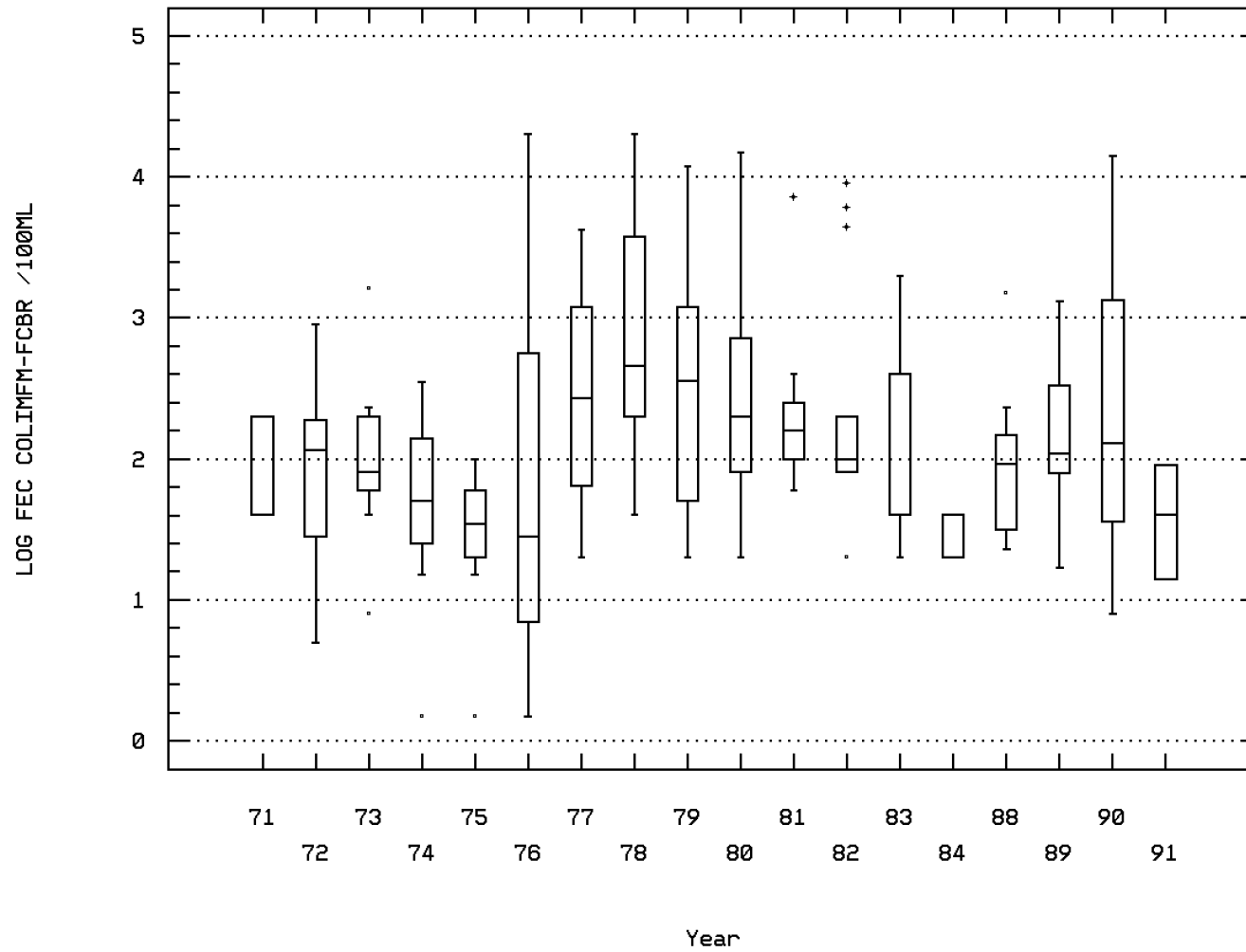
LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M



MALIBU CREEK @ CROSS CREEK ROAD

Station: SAM00061 Parameter Code: 31616

LOG FECAL COLIFORM, MEMBR FILTER, M-FC BR

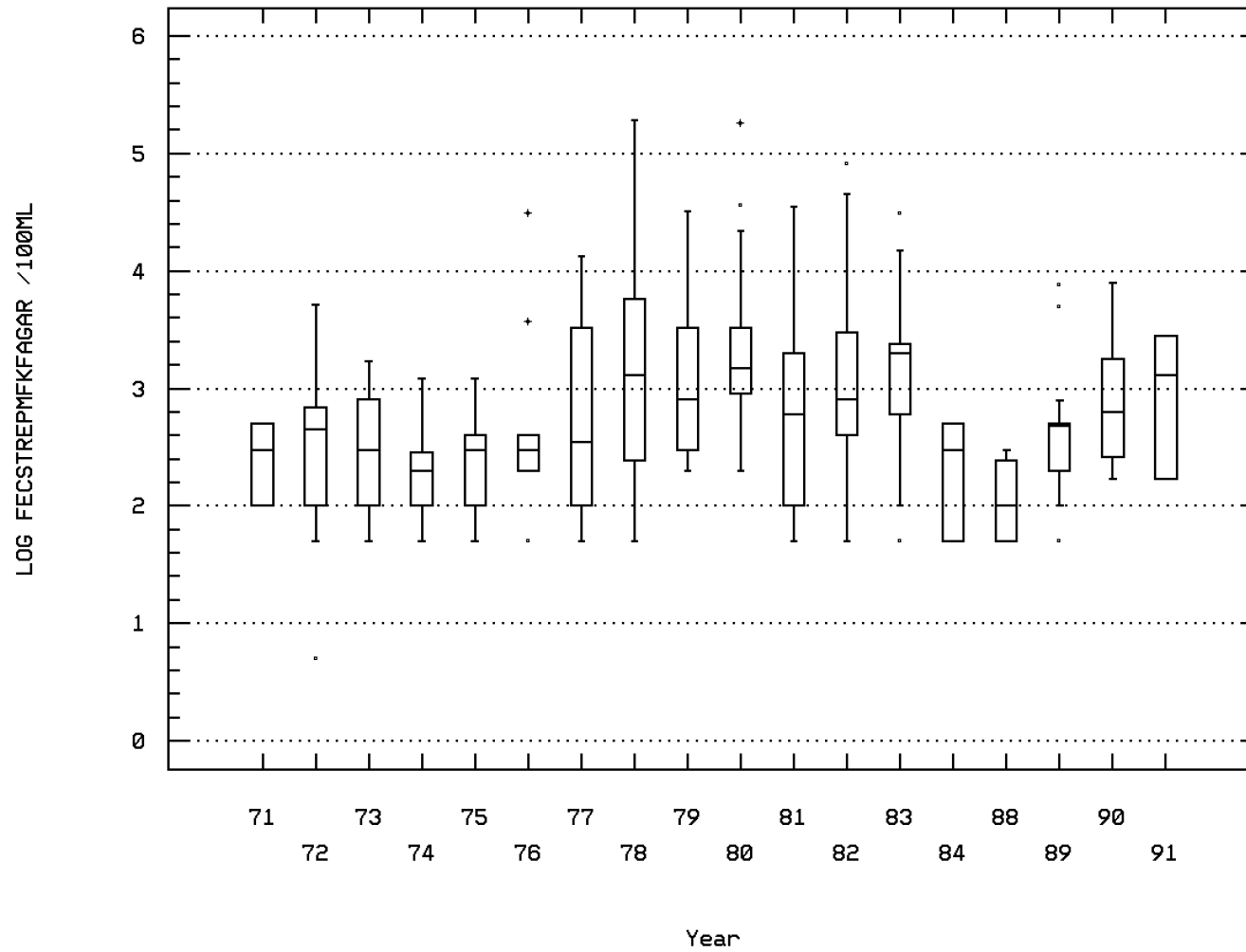


MALIBU CREEK @ CROSS CREEK ROAD



Station: SAM00061 Parameter Code: 31673

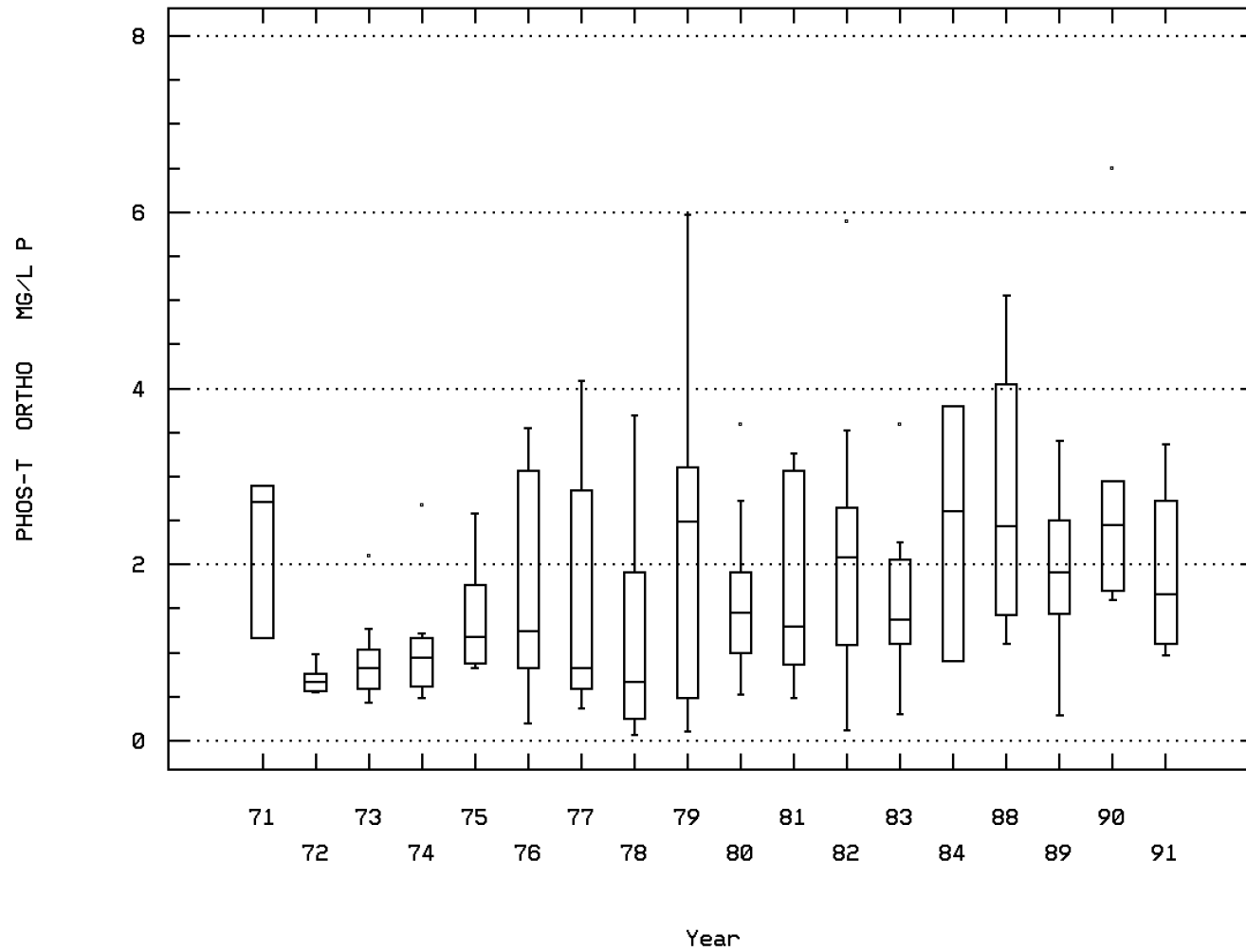
LOG FECAL STREPTOCOCCI, MBR FILT,KF AGA



MALIBU CREEK @ CROSS CREEK ROAD

Station: SAM00061 Parameter Code: 70507

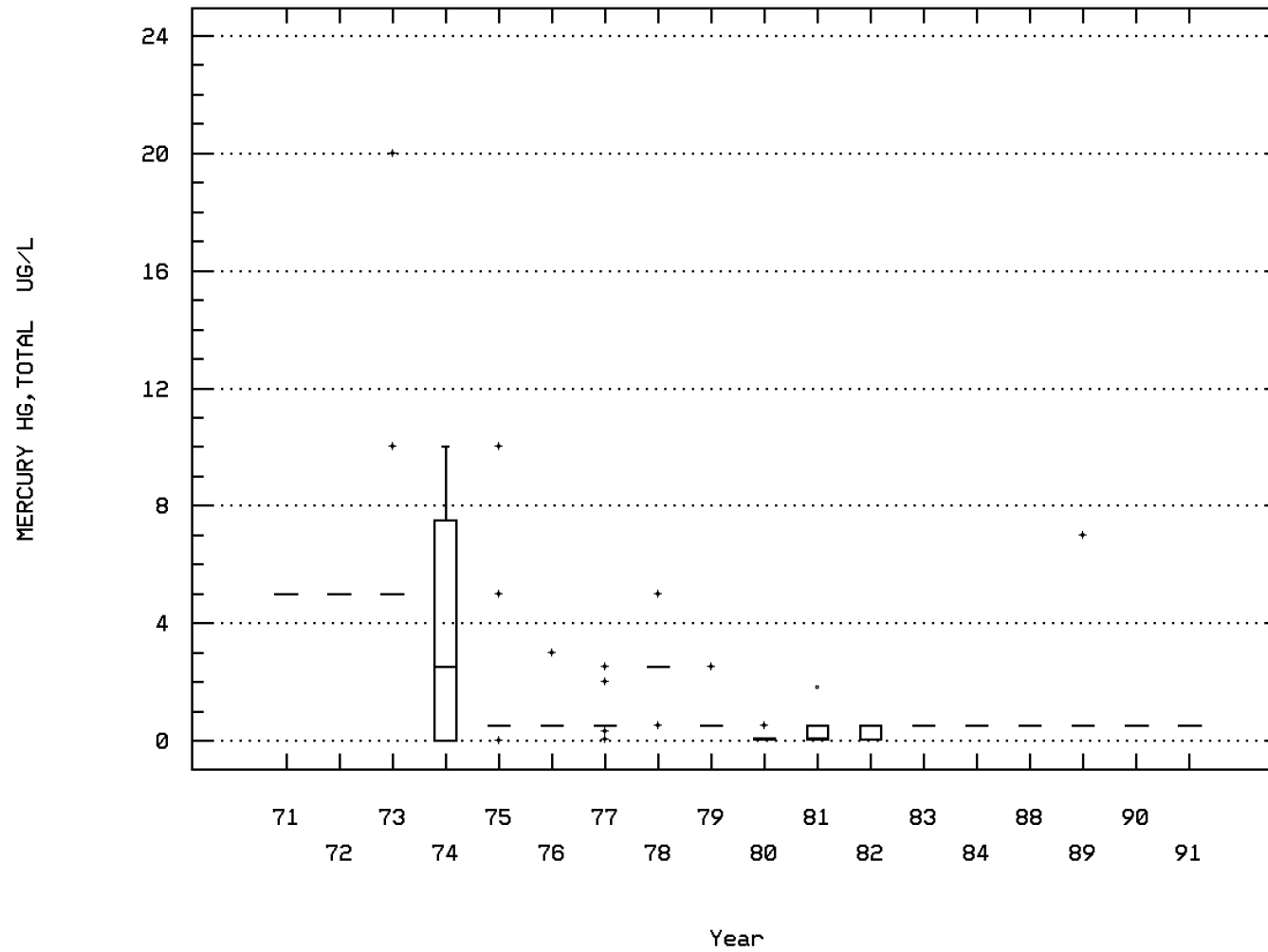
PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/



MALIBU CREEK @ CROSS CREEK ROAD

Station: SAM00061 Parameter Code: 71900

MERCURY, TOTAL (UG/L AS HG)



MALIBU CREEK @ CROSS CREEK ROAD

### Seasonal Analysis for Season #1: 6/01 to 10/31 - Station SAMO0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/07/71-11/16/79	33	17.8	18.118	29.4	13.3	7.707	2.776	15.6	16.4	19.15	20.9
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/07/71-05/02/91	61	65.	65.328	85.	56.	21.991	4.689	60.	62.	68.	70.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/04/71-05/02/91	68	1808.	1791.632	2170.	1490.	24043.191	155.059	1549.	1696.5	1873.75	1980.4
00300	OXYGEN, DISSOLVED MG/L	08/04/71-03/21/84	57	6.3	6.658	24.3	0.8	17.23	4.151	2.18	3.65	8.95	11.1
00310	BOD, 5 DAY, 20 DEG C MG/L	08/04/71-04/03/91	61	2.	3.123	27.	0.5	14.43	3.799	0.5	1.	4.	6.8
00340	COD, .25N K2CR2O7 MG/L	08/04/71-03/21/84	55	18.	20.764	111.	1.	272.184	16.498	7.2	11.	25.	39.8
00403	PH, LAB, STANDARD UNITS SU	08/04/71-05/02/91	68	8.1	8.041	8.8	7.1	0.112	0.334	7.5	7.9	8.2	8.4
00403	CONVERTED PH, LAB, STANDARD UNITS	08/04/71-05/02/91	68	8.1	7.892	8.8	7.1	0.134	0.367	7.5	7.9	8.2	8.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/71-05/02/91	68	0.008	0.013	0.079	0.002	0.	0.014	0.004	0.006	0.013	0.032
00440	BICARBONATE ION (MG/L AS HCO3)	08/04/71-05/02/91	66	301.	318.015	431.	189.	3918.354	62.597	244.1	271.75	377.	409.3
00445	CARBONATE ION (MG/L AS CO3)	08/04/71-09/19/77	28	0.	2.143	19.	0.	29.386	5.421	0.	0.	0.	14.4
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/17/79-05/02/91	28	0.09	0.5	7.	0.005	1.816	1.348	0.005	0.05	0.313	1.548
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/04/71-11/16/79	39	0.	0.061	0.37	0.	0.009	0.096	0.	0.	0.08	0.23
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/17/79-05/02/91	27	0.03	0.136	0.5	0.005	0.04	0.199	0.01	0.02	0.11	0.5
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/04/71-05/02/91	66	2.19	2.554	8.3	0.	5.241	2.289	0.	0.52	3.605	6.383
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/80-04/03/91	22	3.75	6.568	45.	0.1	99.711	9.986	0.5	2.225	5.85	20.51
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	08/04/71-05/02/91	59	716.	700.847	876.	385.	9777.752	98.883	584.	625.	774.	816.
00916	CALCIUM, TOTAL (MG/L AS Ca)	08/04/71-05/02/91	59	155.	157.512	259.2	82.	1039.61	32.243	125.	137.	172.	195.
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/04/71-05/02/91	59	76.1	74.631	99.	0.6	241.195	15.53	61.1	67.	85.4	92.2
00929	SODIUM, TOTAL (MG/L AS NA)	08/04/71-05/02/91	59	148.	147.283	220.	88.	620.603	24.912	118.	131.	163.	177.
00937	POTASSIUM, TOTAL MG/L AS K)	08/04/71-05/02/91	59	5.	5.356	15.5	2.6	4.192	2.047	3.5	4.	6.	7.8
00940	CHLORIDE, TOTAL IN WATER MG/L	08/04/71-05/02/91	66	116.	120.197	181.	77.	509.299	22.568	95.7	105.	132.25	159.3
00945	SULFATE, TOTAL (MG/L AS SO4)	08/04/71-05/02/91	67	556.	551.478	796.	218.	9788.011	98.934	446.2	509.	600.	669.6
00951	FLUORIDE, TOTAL (MG/L AS F)	12/27/77-05/02/91	14	0.58	0.578	1.1	0.1	0.072	0.268	0.215	0.4	0.715	1.05
01002	ARSENIC, TOTAL (UG/L AS AS)	04/15/77-05/02/91	10 ##	3.75	3.8	6.	1.	3.178	1.783	1.15	2.5	5.25	6.
01007	BARIUM, TOTAL (UG/L AS BA)	04/15/77-05/02/91	23	40.	44.435	90.	14.	543.348	23.31	20.	30.	66.	87.6
01022	BORON, TOTAL (UG/L AS B)	12/27/77-05/02/91	10	385.	423.	1000.	200.	45734.444	213.856	212.	327.5	422.5	943.
01027	CADMIUM, TOTAL (UG/L AS CD)	04/15/77-05/02/91	23 ##	2.	3.935	22.	0.5	21.939	4.684	0.5	0.5	5.	8.4
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	12/27/77-05/02/91	23 ##	10.	18.174	143.	5.	817.15	28.586	5.	5.	25.	25.
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/15/77-05/02/91	23 ##	5.	14.609	150.	5.	962.613	31.026	5.	5.	10.	36.
01042	COPPER, TOTAL (UG/L AS CU)	04/15/77-05/02/91	23 ##	5.	12.783	90.	5.	518.723	22.775	5.	5.	5.	54.8
01045	IRON, TOTAL (UG/L AS FE)	04/15/77-12/05/91	38	111.5	170.953	1100.	0.2	53144.461	230.531	4.55	18.75	200.	349.
01051	LEAD, TOTAL (UG/L AS PB)	04/15/77-05/02/91	23 ##	5.	11.783	72.	5.	234.087	15.3	5.	5.	12.	32.
01055	MANGANESE, TOTAL (UG/L AS MN)	04/15/77-05/02/91	38	23.35	26.466	90.	5.	519.736	22.798	5.	5.	42.5	62.
01067	NICKEL, TOTAL (UG/L AS NI)	04/15/77-05/02/91	23 ##	5.	18.261	179.	5.	1541.111	39.257	5.	5.	11.	60.8
01077	SILVER, TOTAL (UG/L AS AG)	04/15/77-05/02/91	23 ##	5.	4.765	13.	1.	7.068	2.659	1.	3.	5.	8.4
01092	ZINC, TOTAL (UG/L AS ZN)	04/15/77-05/02/91	23 ##	50.	49.087	190.	3.5	2905.242	53.9	4.1	5.	60.	161.2
01147	SELENIUM, TOTAL (UG/L AS SE)	04/15/77-05/02/91	10 ##	2.5	2.6	5.	1.	0.933	0.966	1.15	2.5	2.5	4.75
31503	COLIFORM, TOT, MEMBR FILTER, DELAYED, M-ENDO MED, 35 C	08/04/71-05/02/91	66	2350.	8946.97	160000.	40.	546675953.753	23381.102	200.	602.5	6500.	14200.
31503	LOG COLIFORM, TOT, MEMBR FILTER, DELAYED, M-ENDO MED, 3	08/04/71-05/02/91	66	3.371	3.341	5.204	1.602	0.559	0.748	2.301	2.773	3.809	4.149
31503	GM COLIFORM, TOT, MEMBR FILTER, DELAYED, M-ENDO MED, 35	GEOMETRIC MEAN =			2193.468								
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	08/04/71-05/02/91	66	96.5	319.136	4200.	1.5	521287.281	722.002	20.	40.	207.5	774.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	08/04/71-05/02/91	66	1.984	2.015	3.623	0.176	0.416	0.645	1.301	1.602	2.316	2.886
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			103.582								
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	08/04/71-05/02/91	67	500.	1011.194	13400.	50.	3254010.674	1803.888	100.	200.	1200.	2120.
31673	LOG FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	08/04/71-05/02/91	67	2.699	2.686	4.127	1.699	0.271	0.521	2.	2.301	3.079	3.326
31673	GM FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	GEOMETRIC MEAN =			485.702								
70300	RESIDUE, TOTAL, FILTRABLE (DRIED AT 180C), MG/L	04/15/77-05/02/91	43	1300.	1304.093	1573.	1050.	16378.991	127.98	1131.6	1216.	1390.	1493.6
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/04/71-10/17/77	26	1451.	1474.231	1810.	1150.	30312.585	174.105	1234.9	1340.	1597.5	1716.
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/04/71-05/02/91	67	1.06	1.485	5.97	0.12	1.473	1.214	0.47	0.72	1.83	2.932
71850	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	08/04/71-12/05/90	43	8.5	10.386	36.7	0.	124.074	11.139	0.	0.	12.6	31.12
71900	MERCURY, TOTAL (UG/L AS HG)	12/07/71-05/02/91	60 ##	0.5	1.824	20.	0.	12.078	3.475	0.05	0.5	0.5	5.

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #2: 11/01 to 2/29 - Station SAMO0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/07/71-11/16/79	38	10.85	10.45	15.6	3.3	9.893	3.145	5.54	8.75	12.8	13.95
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/07/71-05/02/91	71	54.	53.246	64.	38.	32.742	5.722	45.2	49.	58.	60.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/04/71-05/02/91	78	1660.	1557.513	2200.	390.	181189.214	425.663	906.3	1348.75	1840.	2050.
00300	OXYGEN, DISSOLVED MG/L	08/04/71-03/21/84	47	9.4	9.385	18.5	4.4	6.528	2.555	5.98	7.9	10.4	12.6
00310	BOD, 5 DAY, 20 DEG C MG/L	08/04/71-04/03/91	65	2.	3.815	15.	0.	14.637	3.826	1.	2.	5.	10.4
00340	COD, .25N K2CR2O7 MG/L	08/04/71-03/21/84	60	19.	27.467	179.	2.	949.101	30.807	7.	11.	27.25	74.5
00403	PH, LAB, STANDARD UNITS SU	08/04/71-05/02/91	77	8.1	8.045	8.5	7.1	0.077	0.278	7.68	7.9	8.2	8.32
00403	CONVERTED PH, LAB, STANDARD UNITS	08/04/71-05/02/91	77	8.1	7.937	8.5	7.1	0.089	0.298	7.68	7.9	8.2	8.32
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/71-05/02/91	77	0.008	0.012	0.079	0.003	0.	0.011	0.005	0.006	0.013	0.021
00440	BICARBONATE ION (MG/L AS HCO3)	08/04/71-05/02/91	74	226.5	249.149	421.	112.	5896.484	76.789	157.5	195.75	312.	369.
00445	CARBONATE ION (MG/L AS CO3)	08/04/71-09/19/77	23	0.	2.087	21.	0.	34.81	5.9	0.	0.	0.	14.6
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/17/79-05/02/91	34 ##	0.05	0.061	0.6	0.005	0.01	0.1	0.005	0.018	0.053	0.095
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/04/71-11/16/79	39	0.04	0.086	0.39	0.	0.013	0.113	0.	0.	0.12	0.23
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/17/79-05/02/91	31 ##	0.03	0.105	0.5	0.005	0.031	0.177	0.005	0.02	0.05	0.5
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/04/71-05/02/91	71	5.4	5.545	13.46	0.	10.486	3.238	1.452	2.26	8.27	10.042
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/80-04/03/91	23	5.	11.491	70.	0.5	301.333	17.359	0.5	0.8	7.5	39.6
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	08/04/71-05/02/91	72	623.	599.236	891.	106.	27738.436	166.549	312.1	538.75	700.75	780.3
00916	CALCIUM, TOTAL (MG/L AS Ca)	08/04/71-05/02/91	72	135.	136.365	245.	35.	1796.851	42.389	74.72	117.	165.	189.2
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/04/71-05/02/91	72	67.1	62.933	92.7	16.	382.737	19.564	27.13	57.05	76.2	85.52
00929	SODIUM, TOTAL (MG/L AS NA)	08/04/71-05/02/91	71	133.	127.999	202.	28.	1699.551	41.226	60.92	108.	157.	174.6
00937	POTASSIUM, TOTAL MG/L AS K)	08/04/71-05/02/91	71	5.5	6.238	19.	2.4	7.351	2.711	3.72	4.3	7.2	9.9
00940	CHLORIDE, TOTAL IN WATER MG/L	08/04/71-05/02/91	74	112.5	110.122	216.	21.	1539.971	39.242	48.	87.75	130.75	160.5
00945	SULFATE, TOTAL (MG/L AS SO4)	08/04/71-05/02/91	74	498.	456.108	710.	42.	27596.07	166.121	153.	396.5	558.75	638.5
00951	FLUORIDE, TOTAL (MG/L AS F)	12/27/77-05/02/91	34	0.53	0.501	1.1	0.04	0.073	0.27	0.1	0.3	0.658	0.925
01002	ARSENIC, TOTAL (UG/L AS AS)	04/15/77-05/02/91	24	3.	14.938	166.	1.	1288.181	35.891	1.75	2.5	6.	59.
01007	BARIUM, TOTAL (UG/L AS BA)	04/15/77-05/02/91	32	40.	153.156	1400.	5.	92236.007	303.704	20.	29.25	70.	494.
01022	BORON, TOTAL (UG/L AS B)	12/27/77-05/02/91	28	295.	289.753	680.	0.09	23773.152	154.185	50.	200.	375.75	485.
01027	CADMIUM, TOTAL (UG/L AS CD)	04/15/77-05/02/91	36 ##	5.	8.875	32.	0.5	81.477	9.026	0.5	1.125	15.	23.
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	12/27/77-05/02/91	36 ##	10.	11.028	25.	2.5	68.271	8.263	2.5	5.	14.75	25.
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/15/77-05/02/91	36 ##	10.	20.722	158.	5.	1013.006	31.828	5.	5.	15.	80.3
01042	COPPER, TOTAL (UG/L AS CU)	04/15/77-05/02/91	36 ##	7.5	27.917	240.	5.	2641.736	51.398	5.	5.	26.75	72.7
01045	IRON, TOTAL (UG/L AS FE)	04/15/77-12/05/91	51	190.	2787.029	43200.	0.5	67206343.644	8197.948	7.	53.	834.	5080.
01051	LEAD, TOTAL (UG/L AS PB)	04/15/77-05/02/91	36 ##	5.	22.278	300.	5.	2475.121	49.751	5.	5.	25.	50.
01055	MANGANESE, TOTAL (UG/L AS MN)	04/15/77-05/02/91	50	23.5	97.	950.	5.	45277.959	212.786	5.	10.	60.	232.
01067	NICKEL, TOTAL (UG/L AS NI)	04/15/77-05/02/91	36 ##	10.5	26.361	220.	5.	2293.266	47.888	5.	5.	15.	72.7
01077	SILVER, TOTAL (UG/L AS AG)	04/15/77-05/02/91	36 ##	5.	6.069	20.	0.5	14.331	3.786	0.85	5.	10.	10.
01092	ZINC, TOTAL (UG/L AS ZN)	04/15/77-05/02/91	36	31.5	54.681	420.	3.5	6492.416	80.576	5.	8.5	50.	143.4
01147	SELENIUM, TOTAL (UG/L AS SE)	04/15/77-05/02/91	23 ##	2.5	4.761	48.	1.	90.656	9.521	1.5	2.5	3.	6.2
31503	COLIFORM,TOT, MEMBR FILTER, DELAYED, M-ENDO MED, 35 C	08/04/71-05/02/91	72	3300.	19670.556	650000.	100.	6065964154.617	77884.3	330.	850.	10000.	42800.
31503	LOG COLIFORM, TOT, MEMBR FILTER, DELAYED, M-ENDO MED, 3	08/04/71-05/02/91	72	3.518	3.555	5.813	2.	0.568	0.753	2.515	2.927	4.	4.631
31503	GM COLIFORM, TOT, MEMBR FILTER, DELAYED, M-ENDO MED, 35	08/04/71-05/02/91	71	100.	1511.648	20000.	1.5	16403369.167	4050.107	12.	40.	360.	5560.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	08/04/71-05/02/91	71	2.	2.132	4.301	0.176	0.879	0.938	1.06	1.602	2.556	3.738
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	08/04/71-05/02/91	71	2.	2.132	4.301	0.176	0.879	0.938	1.06	1.602	2.556	3.738
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	08/04/71-05/02/91	71	2.	2.132	4.301	0.176	0.879	0.938	1.06	1.602	2.556	3.738
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	08/04/71-05/02/91	73	400.	12382.329	192000.	50.	1414408784.779	37608.626	50.	100.	2600.	31600.
31673	LOG FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	08/04/71-05/02/91	73	2.602	2.841	5.283	1.699	0.965	0.982	1.699	2.	3.412	4.5
31673	GM FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	08/04/71-05/02/91	73	2.602	2.841	5.283	1.699	0.965	0.982	1.699	2.	3.412	4.5
70300	RESIDUE, TOTAL, FILTRABLE (DRIED AT 180C), MG/L	04/15/77-05/02/91	43	1196.	1097.442	1620.	300.	71452.014	267.305	651.2	950.	1251.	1381.4
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/04/71-10/17/77	23	1407.	1435.174	1740.	1144.	33399.514	182.755	1152.8	1280.	1550.	1710.
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/04/71-05/02/91	72	1.36	1.781	6.5	0.068	1.583	1.258	0.426	0.758	2.688	3.484
71850	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	08/04/71-12/05/90	50	22.15	23.754	59.6	0.	200.814	14.171	7.	10.	35.55	43.31
71900	MERCURY, TOTAL (UG/L AS HG)	12/07/71-05/02/91	68 ##	0.5	1.425	5.	0.	3.01	1.735	0.05	0.5	2.5	5.

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #3: 3/01 to 5/31 - Station SAMO0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/07/71-11/16/79	22	14.15	13.809	20.6	7.2	8.604	2.933	10.	12.075	15.725	17.05
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/07/71-05/02/91	46	59.	58.717	70.	45.	26.652	5.163	50.7	56.	62.	64.9
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/04/71-05/02/91	46	1520.	1453.587	2080.	422.	117655.27	343.009	931.1	1242.5	1712.5	1840.
00300	OXYGEN, DISSOLVED MG/L	08/04/71-03/21/84	30	8.6	8.66	14.7	5.	4.056	2.014	5.84	7.775	10.	10.93
00310	BOD, 5 DAY, 20 DEG C MG/L	08/04/71-04/03/91	39	2.	3.274	26.	0.5	17.357	4.166	1.	1.2	3.	7.
00340	COD, .25N K2CR2O7 MG/L	08/04/71-03/21/84	35	15.	21.771	100.	2.	395.887	19.897	4.	10.	24.	43.2
00403	PH, LAB, STANDARD UNITS SU	08/04/71-05/02/91	46	8.2	8.163	8.6	7.4	0.048	0.218	7.8	8.075	8.3	8.4
00403	CONVERTED PH, LAB, STANDARD UNITS	08/04/71-05/02/91	46	8.2	8.098	8.6	7.4	0.052	0.228	7.8	8.075	8.3	8.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/71-05/02/91	46	0.006	0.008	0.04	0.003	0.	0.006	0.004	0.005	0.008	0.016
00440	BICARBONATE ION (MG/L AS HCO3)	08/04/71-05/02/91	46	261.	259.804	415.	133.	5005.761	70.751	159.4	204.5	316.5	351.5
00445	CARBONATE ION (MG/L AS CO3)	08/04/71-09/19/77	17	0.	2.471	27.	0.	47.64	6.902	0.	0.	0.	14.2
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/17/79-05/02/91	23	0.05	0.195	1.5	0.005	0.17	0.412	0.005	0.05	0.1	1.04
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/04/71-11/16/79	22	0.058	0.353	5.08	0.	1.146	1.07	0.	0.	0.263	0.561
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/17/79-05/02/91	22 ##	0.045	0.097	0.5	0.005	0.027	0.165	0.007	0.018	0.053	0.5
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/04/71-05/02/91	44	3.39	4.113	10.39	0.	7.592	2.755	1.05	2.265	5.65	8.765
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/80-04/03/91	14	5.65	7.25	27.8	0.5	51.964	7.209	0.5	2.95	8.075	21.65
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	08/04/71-05/02/91	41	549.	548.268	789.	197.	17921.101	133.87	394.2	464.	664.5	712.8
00916	CALCIUM, TOTAL (MG/L AS Ca)	08/04/71-05/02/91	41	118.	120.673	174.	43.	904.985	30.083	81.6	102.5	141.	163.24
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/04/71-05/02/91	41	61.4	59.92	94.	16.	365.791	19.126	24.88	50.6	75.55	83.66
00929	SODIUM, TOTAL (MG/L AS Na)	08/04/71-05/02/91	42	120.1	117.793	236.	32.	1716.004	41.425	59.02	87.25	142.5	169.6
00937	POTASSIUM, TOTAL MG/L AS K)	08/04/71-05/02/91	42	4.2	5.468	42.	0.6	37.294	6.107	2.72	3.075	5.725	8.34
00940	CHLORIDE, TOTAL IN WATER MG/L	08/04/71-05/02/91	46	98.5	96.891	175.	30.	1223.521	34.979	52.7	69.	116.	152.5
00945	SULFATE, TOTAL (MG/L AS SO4)	08/04/71-05/02/91	46	428.	415.196	613.	40.	16169.228	127.158	264.3	340.	505.25	565.3
00951	FLUORIDE, TOTAL (MG/L AS F)	12/27/77-05/02/91	20	0.61	0.573	1.2	0.1	0.071	0.267	0.234	0.31	0.715	0.898
01002	ARSENIC, TOTAL (UG/L AS AS)	04/15/77-05/02/91	14	5.5	6.214	15.	1.	22.412	4.734	1.	2.5	9.25	15.
01007	BARIUM, TOTAL (UG/L AS Ba)	04/15/77-05/02/91	22	36.	124.136	1160.	20.	60743.361	246.462	20.	30.	157.	315.
01022	BORON, TOTAL (UG/L AS B)	12/27/77-05/02/91	16	370.	339.064	730.	0.03	30546.04	174.774	35.009	220.	440.	530.5
01027	CADMIUM, TOTAL (UG/L AS Cd)	04/15/77-05/02/91	23 ##	5.	4.413	15.	0.5	11.651	3.413	0.5	1.	5.	9.2
01032	CHROMIUM, HEXAVALENT (UG/L AS Cr)	12/27/77-05/02/91	21 ##	10.	13.572	25.	0.005	67.85	8.237	5.	7.5	25.	25.
01034	CHROMIUM, TOTAL (UG/L AS Cr)	04/15/77-05/02/91	23 ##	10.	22.696	145.	5.	1146.403	33.859	5.	5.	15.	78.8
01042	COPPER, TOTAL (UG/L AS Cu)	04/15/77-05/02/91	23 ##	10.	15.739	90.	5.	364.383	19.089	5.	5.	18.	40.8
01045	IRON, TOTAL (UG/L AS Fe)	04/15/77-12/05/91	31	190.	2948.106	54000.	0.3	100108776.331	10005.437	3.4	80.	620.	11050.
01051	LEAD, TOTAL (UG/L AS Pb)	04/15/77-05/02/91	22 ##	5.	21.273	150.	5.	1636.589	40.455	5.	5.	5.	104.9
01055	MANGANESE, TOTAL (UG/L AS Mn)	04/15/77-05/02/91	29	30.	87.103	950.	5.	36216.525	190.306	5.	10.	60.	290.
01067	NICKEL, TOTAL (UG/L AS Ni)	04/15/77-05/02/91	22 ##	5.	19.273	135.	5.	963.636	31.042	5.	5.	21.5	54.7
01077	SILVER, TOTAL (UG/L AS Ag)	04/15/77-05/02/91	22 ##	5.	4.886	10.	0.5	4.927	2.22	0.5	5.	5.	8.
01092	ZINC, TOTAL (UG/L AS Zn)	04/15/77-05/02/91	22	40.	46.477	160.	3.5	1679.249	40.979	5.	16.25	62.5	114.6
01147	SELENIUM, TOTAL (UG/L AS Se)	04/15/77-05/02/91	14 ##	2.5	2.307	5.	0.3	1.505	1.227	0.65	1.	2.5	4.5
31503	COLIFORM, TOT, MEMBR FILTER, DELAYED, M-ENDO MED, 35 C	08/04/71-05/02/91	46	1800.	13212.826	300000.	200.	2126562331.836	46114.665	265.	565.	5700.	23200.
31503	LOG COLIFORM, TOT, MEMBR FILTER, DELAYED, M-ENDO MED, 3	08/04/71-05/02/91	46	3.255	3.332	5.477	2.301	0.521	0.722	2.422	2.751	3.756	4.364
31503	GM COLIFORM, TOT, MEMBR FILTER, DELAYED, M-ENDO MED, 35				2146.115								
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	08/04/71-05/02/91	45	90.	1282.111	14000.	5.	9382949.101	3063.16	10.	20.	895.	5520.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	08/04/71-05/02/91	45	1.954	2.142	4.146	0.699	0.883	0.94	1.	1.301	2.949	3.729
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C				138.799								
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	08/04/71-05/02/91	46	500.	4170.761	45000.	5.	95917311.075	9793.738	50.	100.	2325.	16960.
31673	LOG FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	08/04/71-05/02/91	46	2.699	2.769	4.653	0.699	0.79	0.889	1.699	2.	3.366	4.222
31673	GM FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR				587.457								
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	04/15/77-05/02/91	30	1081.	1054.6	1583.	481.	57183.834	239.131	644.2	934.75	1234.	1319.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/04/71-10/17/77	15	1130.	1171.733	1530.	810.	47205.352	217.268	858.	1037.	1329.	1512.
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/04/71-05/02/91	44	1.285	1.622	4.5	0.17	1.155	1.075	0.51	0.735	2.363	3.31
71850	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	08/04/71-12/05/90	30	16.15	19.053	46.	0.	152.286	12.34	4.42	11.	28.725	38.96
71900	MERCURY, TOTAL (UG/L AS Hg)	12/07/71-05/02/91	43 ##	0.5	1.863	10.	0.	7.051	2.655	0.05	0.5	3.	5.

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

## Station Inventory for Station: SAMO0062

NPS Station ID: SAMO0062      LAT/LON: 34.042504/-118.685005

Location: MALIBU CREEK AT PACIFIC COAST HWY

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 18070104

Major Basin: LOS ANGELES AREA

Minor Basin: VENTURA LOS ANGELES COASTAL

RF1 Index: 18070104012

RF3 Index: 18070105001123.45

Description:

SURFACE WATER STATION; DATA MANAGER CODE: 3; AREAL CODE: ; BEGINNING OF RECORD: . ; ELEVATION: 40 ;

STATION NAME: MALIBU CREEK AT PACIFIC COAST HWY; DWR COUNTY CODE: 19; LATITUDE: 340233; LONGITUDE: 1184106;

CALIFORNIA COORDINATES:

Agency: 21CAL-1

FIPS State/County: 06037 CALIFORNIA/LOS ANGELES

STORET Station ID(s): Z5102010 /4042101

Within Park Boundary: Yes

Date Created: 08/27/76

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.620

RF3 Mile Point: 23.84

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 1.40

Distance from RF3: 0.03

On/Off RF1: OFF

On/Off RF3:

### Parameter Inventory for Station: SAMO0062

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-05/17/88	70	57.	57.336	85.	41.	62.672	7.917	47.1	50.75	63.	66.8
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/17/88-05/17/88	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/17/88-05/17/88	1	1320.	1320.	1320.	1320.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/16/52-05/17/88	75	1710.	1627.72	2200.	451.	154952.123	393.64	925.4	1480.	1860.	2054.
00300 OXYGEN, DISSOLVED MG/L	09/05/72-05/17/88	69	7.8	7.693	24.3	0.8	14.049	3.748	3.1	5.	9.5	11.4
00310 BOD, 5 DAY, 20 DEG C MG/L	10/04/72-05/17/88	71	2.	3.272	15.	0.3	7.001	2.646	1.	2.	4.	7.
00335 COD, .025N K2CR2O7 MG/L	10/04/72-09/20/78	69	17.	21.145	95.	2.	276.332	16.623	7.	11.	25.	41.
00400 PH (STANDARD UNITS)	05/17/88-05/17/88	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	05/17/88-05/17/88	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/17/88-05/17/88	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	01/16/52-05/17/88	75	8.1	8.095	8.8	7.1	0.097	0.311	7.6	7.9	8.3	8.5
00403 CONVERTED PH, LAB, STANDARD UNITS	01/16/52-05/17/88	75	8.1	7.966	8.8	7.1	0.114	0.337	7.6	7.9	8.3	8.5
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/16/52-05/17/88	75	0.008	0.011	0.079	0.002	0.	0.011	0.003	0.005	0.013	0.025
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	01/16/52-11/15/77	58	291.5	277.207	350.	82.	2680.413	51.773	212.8	246.5	312.25	333.1
00515 RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	12/27/77-02/28/78	5	385.	553.2	1232.	235.	159769.7	399.712	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/04/72-05/17/88	65	0.	0.157	5.08	0.	0.401	0.633	0.	0.	0.114	0.3
00613 NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/17/88-05/17/88	1	0.041	0.041	0.041	0.041	0.	0.	**	**	**	**
00618 NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/04/72-05/17/88	66	2.845	3.818	13.5	0.	8.997	2.999	0.14	1.73	5.828	8.448
00629 NITROGEN, ORGANIC KJELDAHL, TOTAL (MG/L AS N)	05/17/88-05/17/88	1	0.38	0.38	0.38	0.38	0.	0.	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	05/17/88-05/17/88	1	2.94	2.94	2.94	2.94	0.	0.	**	**	**	**
00671 PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/17/88-05/17/88	1	2.78	2.78	2.78	2.78	0.	0.	**	**	**	**
00720 CYANIDE, TOTAL (MG/L AS CN) MG/L	02/02/75-02/28/78	6	0.04	0.033	0.04	0.	0.	0.016	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	01/16/52-05/17/88	58	680.	632.81	891.	106.	31593.49	177.746	380.2	551.75	764.25	814.1
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	01/16/52-05/17/88	58	146.	138.166	245.	36.	1659.782	40.74	81.7	116.25	163.5	178.8
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	01/16/52-05/17/88	58	73.35	70.06	99.	16.	386.521	19.66	43.5	61.725	84.8	92.25
00930 SODIUM, DISSOLVED (MG/L AS Na)	01/16/52-05/17/88	59	142.	135.414	202.	28.	1248.119	35.329	80.	125.	157.	174.
00935 POTASSIUM, DISSOLVED (MG/L AS K)	01/16/52-05/17/88	59	4.2	4.795	19.	2.3	5.979	2.445	3.	3.7	5.	6.4
00941 CHLORIDE, DISSOLVED IN WATER MG/L	01/16/52-05/17/88	73	110.	102.986	144.	21.	805.208	28.376	55.4	88.	121.5	133.
00946 SULFATE, DISSOLVED (MG/L AS SO4)	01/16/52-05/17/88	74	519.5	484.403	712.	87.	22072.121	148.567	236.	420.25	581.75	663.5
00950 FLUORIDE, DISSOLVED (MG/L AS F)	01/16/52-02/08/78	5	0.3	0.22	0.4	0.	0.027	0.164	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	01/16/52-01/16/52	1	21.	21.	21.	21.	0.	0.	**	**	**	**

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### Parameter Inventory for Station: SAMO0062

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/17/88-05/17/88	1	0.	0.	0.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	02/02/75-02/28/78	6	3.	2.833	6.	4.967	2.229	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	05/17/88-05/17/88	1	0.	0.	0.	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	02/02/75-02/08/78	5	0.	104.	500.	49080.	221.54	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	01/16/52-05/17/88	6	200.	256.667	400.	12866.667	113.431	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/17/88-05/17/88	1	0.	0.	0.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	02/02/75-02/28/78	6	15.	17.667	30.	112.667	10.614	**	**	**	**
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	12/27/77-02/28/78	5	4.	5.8	14.	21.2	4.604	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/02/75-02/28/78	6	10.	13.333	30.	66.667	8.165	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	05/17/88-05/17/88	1	0.	0.	0.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	02/02/75-02/28/78	6	32.	54.	200.	5296.	72.774	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	02/02/75-09/20/78	16	570.	3592.5	43200.	112790740.	10620.298	48.	185.	1650.	15515.
01046	IRON, DISSOLVED (UG/L AS FE)	05/17/88-05/17/88	1	20.	20.	20.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	05/17/88-05/17/88	1	0.	0.	0.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	02/02/75-02/28/78	6	40.	38.333	60.	416.667	20.412	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	02/02/75-09/20/78	15	50.	116.667	950.	57280.952	239.334	6.	20.	70.	542.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/17/88-05/17/88	1	10.	10.	10.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	02/02/75-02/02/75	1	30.	30.	30.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	02/02/75-02/28/78	6	5.5	5.333	10.	26.267	5.125	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	02/02/75-02/08/78	5	30.	33.8	66.	358.2	18.926	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	05/17/88-05/17/88	1	0.	0.	0.	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	02/02/75-02/28/78	6	2.	2.5	5.	1.9	1.378	**	**	**	**
01220	CHROMIUM, HEXAVALENT, DISSOLVED IN (UG/L AS CR)	05/17/88-05/17/88	1	0.	0.	0.	0.	0.	**	**	**	**
39036	ALKALINITY, FILTERED SAMPLE AS CaCO3 MG/L	09/19/77-05/17/88	2	267.	267.	340.	10658.	103.238	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	05/16/77-05/16/77	1	0.015	0.015	0.015	0.015	0.	**	**	**	**
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	05/16/77-05/16/77	1	0.057	0.057	0.057	0.	0.	**	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	04/15/77-05/17/88	17	1232.	1158.353	1620.	79222.743	281.465	646.	1011.	1318.	1542.4
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/05/72-09/17/76	8	1151.	1148.125	1384.	22245.268	149.148	**	**	**	**
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/07/74-09/20/78	51	0.91	1.347	4.08	0.954	0.977	0.43	0.65	1.96	3.024
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	01/16/52-05/17/88	73	12.2	16.122	59.6	160.083	12.652	1.38	7.95	23.35	35.8
71890	MERCURY, DISSOLVED (UG/L AS HG)	12/05/73-12/05/73	1	0.	0.	0.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	10/04/72-05/17/88	39	0.	1.256	10.	6.406	2.531	0.	0.	1.	4.

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### EPA Water Quality Criteria Analysis for Station: SAMO0062

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	50.	1	0	0.00							1	0	0.00			
00300	OXYGEN, DISSOLVED	4.	69	9	0.13	27	9	0.33	24	0	0.00	18	0	0.00			
00400	PH	9.	1	0	0.00							1	0	0.00			
	Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00403	PH, LAB	9.	75	0	0.00	27	0	0.00	30	0	0.00	18	0	0.00			
	Other-Lo Lim.	6.5	75	0	0.00	27	0	0.00	30	0	0.00	18	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	1.	1	0	0.00							1	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	10.	66	2	0.03	25	0	0.00	25	1	0.04	16	1	0.06			
00720	CYANIDE, TOTAL	0.022	6	5	0.83				6	5	0.83						
	Fresh Acute	0.2	6	0	0.00				6	0	0.00						
00941	CHLORIDE, DISSOLVED IN WATER	860.	73	0	0.00	26	0	0.00	29	0	0.00	18	0	0.00			
	Drinking Water	250.	73	0	0.00	26	0	0.00	29	0	0.00	18	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	250.	74	66	0.89	27	27	1.00	29	22	0.76	18	17	0.94			
00950	FLUORIDE, DISSOLVED AS F	4.	5	0	0.00				5	0	0.00						
01000	ARSENIC, DISSOLVED	360.	1	0	0.00							1	0	0.00			
	Drinking Water	50.	1	0	0.00							1	0	0.00			
01002	ARSENIC, TOTAL	360.	6	0	0.00				6	0	0.00						
	Drinking Water	50.	6	0	0.00				6	0	0.00						
01005	BARIUM, DISSOLVED	2000.	1	0	0.00							1	0	0.00			
01007	BARIUM, TOTAL	2000.	5	0	0.00				5	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



### EPA Water Quality Criteria Analysis for Station: SAMO0062

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
01025	CADMIUM, DISSOLVED	Fresh Acute 3.9	1	0	0.00							1	0	0.00			
	Drinking Water	5.	1	0	0.00							1	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute 3.9	6	6	1.00				6	6	1.00						
	Drinking Water	5.	6	6	1.00				6	6	1.00						
01032	CHROMIUM, HEXAVALENT	Fresh Acute 16.	5	0	0.00				5	0	0.00						
	Drinking Water	100.	5	0	0.00				5	0	0.00						
01034	CHROMIUM, TOTAL	Drinking Water 100.	6	0	0.00				6	0	0.00						
01040	COPPER, DISSOLVED	Fresh Acute 18.	1	0	0.00							1	0	0.00			
	Drinking Water	1300.	1	0	0.00							1	0	0.00			
01042	COPPER, TOTAL	Fresh Acute 18.	6	4	0.67				6	4	0.67						
	Drinking Water	1300.	6	0	0.00				6	0	0.00						
01049	LEAD, DISSOLVED	Fresh Acute 82.	1	0	0.00							1	0	0.00			
	Drinking Water	15.	1	0	0.00							1	0	0.00			
01051	LEAD, TOTAL	Fresh Acute 82.	6	0	0.00				6	0	0.00						
	Drinking Water	15.	6	5	0.83				6	5	0.83						
01067	NICKEL, TOTAL	Fresh Acute 1400.	1	0	0.00				1	0	0.00						
	Drinking Water	100.	1	0	0.00				1	0	0.00						
01077	SILVER, TOTAL	Fresh Acute 4.1	6	3	0.50				6	3	0.50						
	Drinking Water	100.	6	0	0.00				6	0	0.00						
01092	ZINC, TOTAL	Fresh Acute 120.	5	0	0.00				5	0	0.00						
	Drinking Water	5000.	5	0	0.00				5	0	0.00						
01145	SELENIUM, DISSOLVED	Fresh Acute 20.	1	0	0.00							1	0	0.00			
	Drinking Water	50.	1	0	0.00							1	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute 20.	6	0	0.00				6	0	0.00						
	Drinking Water	50.	6	0	0.00				6	0	0.00						
01220	CHROMIUM, HEXAVALENT, DISSOLVED	Fresh Acute 16.	1	0	0.00							1	0	0.00			
	Drinking Water	100.	1	0	0.00							1	0	0.00			
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute 3.	1	0	0.00							1	0	0.00			
39782	LINDANE IN WHOLE WATER SAMPLE	Fresh Acute 2.	1	0	0.00							1	0	0.00			
	Drinking Water	0.2	1	0	0.00							1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water 44.	73	2	0.03	26	0	0.00	29	1	0.03	18	1	0.06			
71890	MERCURY, DISSOLVED	Fresh Acute 2.4	1	0	0.00				1	0	0.00						
	Drinking Water	2.	1	0	0.00				1	0	0.00						
71900	MERCURY, TOTAL	Fresh Acute 2.4	39	8	0.21	11	2	0.18	19	5	0.26	9	1	0.11			
	Drinking Water	2.	39	9	0.23	11	2	0.18	19	6	0.32	9	1	0.11			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### Annual Analysis for 1952 - Station SAMO0062

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	1	804.	804.	804.	804.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	1	82.	82.	82.	82.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	1	235.	235.	235.	235.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	1	48.	48.	48.	48.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	1	28.	28.	28.	28.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	1	67.	67.	67.	67.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	1	3.6	3.6	3.6	3.6	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	1	121.	121.	121.	121.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	1	115.	115.	115.	115.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	1	10.	10.	10.	10.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1972 - Station SAMO0062

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	3	51.	53.333	61.	48.	46.333	6.807	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	4	2040.	2032.5	2140.	1910.	8891.667	94.296	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	4	7.15	6.9	8.8	4.5	4.567	2.137	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	3	2.	2.333	4.	1.	2.333	1.528	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	3	7.	18.333	42.	6.	420.333	20.502	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	4	8.25	8.25	8.3	8.2	0.003	0.058	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	4	8.247	8.247	8.3	8.2	0.003	0.058	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	4	0.006	0.006	0.006	0.005	0.	0.001	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	4	341.5	335.5	350.	309.	365.667	19.122	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	3	1.4	1.6	3.4	0.	2.92	1.709	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	4	793.5	799.75	851.	761.	1542.25	39.271	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	4	170.	172.25	186.	163.	100.917	10.046	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	4	89.	89.25	93.	86.	10.917	3.304	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	4	175.	179.	202.	164.	262.667	16.207	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	4	4.	4.25	5.	4.	0.25	0.5	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	4	134.	134.75	138.	133.	5.583	2.363	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	4	637.	635.5	684.	584.	2269.667	47.641	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	3	6.3	7.1	15.	0.	56.73	7.532	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1973 - Station SAMO0062

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	11	55.	56.636	65.	44.	55.855	7.474	44.4	53.	64.	65.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11	1690.	1573.455	2200.	873.	177080.273	420.809	885.4	1260.	1840.	2160.
00300	OXYGEN, DISSOLVED MG/L	10	6.95	6.69	11.4	1.5	10.35	3.217	1.65	3.45	9.45	11.28
00310	BOD, 5 DAY, 20 DEG C MG/L	10	2.	1.9	3.	1.	0.767	0.876	1.	1.	3.	3.
00335	COD, .025N K2CR2O7 MG/L	10	10.5	12.	31.	2.	57.333	7.572	2.6	8.	14.25	29.4
00403	PH, LAB, STANDARD UNITS SU	11	8.2	8.2	8.5	7.9	0.032	0.179	7.92	8.1	8.3	8.48
00403	CONVERTED PH, LAB, STANDARD UNITS	11	8.2	8.167	8.5	7.9	0.033	0.182	7.92	8.1	8.3	8.48
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11	0.006	0.007	0.013	0.003	0.	0.003	0.003	0.005	0.008	0.012
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10	314.5	306.5	345.	233.	1131.389	33.636	236.	296.75	326.25	343.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	9	2.2	3.133	13.5	0.	16.783	4.097	0.	0.5	3.35	13.5

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1973 - Station SAMO0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	01/16/52-05/17/88	10	691.	664.8	891.	394.	21923.067	148.064	402.6	538.5	755.75	879.5
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	01/16/52-05/17/88	10	151.	148.73	245.	84.	1820.907	42.672	86.4	117.75	162.975	237.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/16/52-05/17/88	10	73.	71.24	95.	45.	237.776	15.42	45.6	59.25	82.6	93.94
00930	SODIUM, DISSOLVED (MG/L AS Na)	01/16/52-05/17/88	10	146.	133.7	173.	80.	941.122	30.678	80.9	107.	154.5	171.6
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/16/52-05/17/88	10	4.	3.8	5.	3.	0.4	0.632	3.	3.	4.	4.9
00941	CHLORIDE, DISSOLVED IN WATER MG/L	01/16/52-05/17/88	10	100.5	91.5	130.	54.	633.389	25.167	54.1	63.25	106.5	127.8
00946	SULFATE, DISSOLVED (MG/L AS SO4)	01/16/52-05/17/88	10	515.5	489.4	700.	244.	19111.822	138.246	251.1	361.5	582.5	688.7
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	01/16/52-05/17/88	10	9.3	13.32	59.6	0.	293.246	17.124	0.	3.375	14.	55.28

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1974 - Station SAMO0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-05/17/88	13	59.	55.654	65.	41.	62.641	7.915	43.8	48.	63.5	64.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/16/52-05/17/88	12	1890.	1852.5	2170.	1370.	71929.545	268.197	1412.	1622.5	2075.	2164.
00300	OXYGEN, DISSOLVED MG/L	09/05/72-05/17/88	13	6.4	6.631	10.8	0.8	13.284	3.645	1.32	3.35	10.45	10.72
00310	BOD, 5 DAY, 20 DEG C MG/L	10/04/72-05/17/88	12	3.	3.75	10.	1.	6.75	2.598	1.3	2.	5.	9.1
00335	COD, .025N K2CR2O7 MG/L	10/04/72-09/20/78	11	9.	12.364	38.	2.	93.855	9.688	2.4	7.	16.	33.6
00403	PH, LAB, STANDARD UNITS SU	01/16/52-05/17/88	12	8.	7.992	8.5	7.5	0.097	0.312	7.53	7.725	8.25	8.47
00403	CONVERTED PH, LAB, STANDARD UNITS	01/16/52-05/17/88	12	8.	7.894	8.5	7.5	0.108	0.328	7.53	7.725	8.25	8.47
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/16/52-05/17/88	12	0.01	0.013	0.032	0.003	0.	0.009	0.003	0.006	0.019	0.03
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	01/16/52-11/15/77	12	308.	300.75	336.	249.	669.477	25.874	252.3	286.5	317.5	333.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/04/72-05/17/88	12	0.	0.423	5.08	0.	2.151	1.466	0.	0.	0.	3.556
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/04/72-05/17/88	12	3.295	3.119	6.51	0.2	3.905	1.976	0.296	1.31	4.77	6.102
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	01/16/52-05/17/88	12	752.5	729.417	876.	490.	16109.174	126.922	515.8	614.25	848.25	873.3
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	01/16/52-05/17/88	12	160.5	157.8	194.	105.6	875.753	29.593	110.82	133.5	187.	193.7
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/16/52-05/17/88	12	87.85	81.517	97.7	55.	177.303	13.316	58.06	68.575	91.55	96.2
00930	SODIUM, DISSOLVED (MG/L AS Na)	01/16/52-05/17/88	12	158.5	151.808	181.	117.2	507.35	22.524	118.04	127.	170.125	179.8
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/16/52-05/17/88	12	4.65	4.4	5.6	2.3	0.829	0.911	2.63	3.875	4.8	5.57
00941	CHLORIDE, DISSOLVED IN WATER MG/L	01/16/52-05/17/88	12	114.	109.75	139.	75.	492.023	22.182	78.	86.25	129.5	137.2
00946	SULFATE, DISSOLVED (MG/L AS SO4)	01/16/52-05/17/88	12	592.9	569.067	712.	348.	14241.617	119.338	367.2	470.	675.	710.5
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/07/74-09/20/78	10	0.845	0.989	2.67	0.49	0.41	0.641	0.493	0.558	1.15	2.521
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	01/16/52-05/17/88	12	14.6	13.742	28.3	0.9	74.826	8.65	1.32	5.8	21.025	26.65

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1975 - Station SAMO0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-05/17/88	12	55.	56.583	70.	45.	89.72	9.472	45.	49.	65.	69.7
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/16/52-05/17/88	12	1760.	1704.167	2050.	1190.	62699.242	250.398	1262.	1497.5	1880.	2029.
00300	OXYGEN, DISSOLVED MG/L	09/05/72-05/17/88	12	7.85	7.133	9.8	3.1	5.808	2.41	3.1	4.825	8.925	9.74
00310	BOD, 5 DAY, 20 DEG C MG/L	10/04/72-05/17/88	11	4.	4.455	7.	2.	3.473	1.864	2.	3.	7.	7.
00335	COD, .025N K2CR2O7 MG/L	10/04/72-09/20/78	12	18.	20.167	41.	8.	113.242	10.642	8.9	12.	24.	40.7
00403	PH, LAB, STANDARD UNITS SU	01/16/52-05/17/88	12	8.3	8.175	8.6	7.5	0.098	0.314	7.59	7.95	8.375	8.57
00403	CONVERTED PH, LAB, STANDARD UNITS	01/16/52-05/17/88	12	8.3	8.055	8.6	7.5	0.114	0.338	7.59	7.95	8.375	8.57
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/16/52-05/17/88	12	0.005	0.009	0.032	0.003	0.	0.008	0.003	0.004	0.011	0.027
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	01/16/52-11/15/77	12	279.	280.167	318.	222.	838.152	28.951	231.9	259.25	307.75	317.7
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/04/72-05/17/88	12	0.	0.023	0.11	0.	0.002	0.041	0.	0.	0.06	0.101
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/04/72-05/17/88	12	2.78	3.933	8.56	1.78	5.566	2.359	1.789	1.988	5.55	8.242
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	01/16/52-05/17/88	12	689.	649.75	786.	425.	11552.023	107.48	451.1	576.25	723.25	782.4
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	01/16/52-05/17/88	12	147.	142.058	177.	89.7	733.841	27.089	93.99	122.75	162.75	176.1
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/16/52-05/17/88	12	73.75	71.808	86.4	49.	105.543	10.273	52.57	65.65	78.925	84.78
00930	SODIUM, DISSOLVED (MG/L AS Na)	01/16/52-05/17/88	12	142.5	135.392	163.	96.7	436.186	20.885	98.59	118.	151.5	159.7

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1975 - Station SAMO0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/16/52-05/17/88	12	3.8	4.15	6.4	3.1	1.054	1.026	3.13	3.275	4.775	6.16
00941	CHLORIDE, DISSOLVED IN WATER MG/L	01/16/52-05/17/88	12	107.5	103.583	129.	72.	335.538	18.318	72.6	89.75	118.75	127.2
00946	SULFATE, DISSOLVED (MG/L AS SO4)	01/16/52-05/17/88	12	521.	490.667	619.	291.	8934.606	94.523	311.4	432.5	550.25	609.1
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/07/74-09/20/78	12	1.175	1.366	2.58	0.82	0.358	0.598	0.829	0.88	1.863	2.472
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	01/16/52-05/17/88	12	11.8	15.608	37.9	7.9	85.95	9.271	7.93	8.8	23.025	33.97

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1976 - Station SAMO0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-05/17/88	10	58.	60.6	85.	47.	103.6	10.178	47.8	55.75	63.	83.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/16/52-05/17/88	10	1720.	1768.	2160.	1540.	29151.111	170.737	1549.	1660.	1845.	2130.
00300	OXYGEN, DISSOLVED MG/L	09/05/72-05/17/88	10	6.9	9.69	24.3	4.4	35.783	5.982	4.57	6.175	12.375	23.34
00310	BOD, 5 DAY, 20 DEG C MG/L	10/04/72-05/17/88	10	2.	2.1	4.	1.	0.989	0.994	1.	1.	3.	3.9
00335	COD, .025N K2CR2O7 MG/L	10/04/72-09/20/78	10	20.5	21.5	39.	11.	54.944	7.412	11.4	18.	23.5	37.6
00403	PH, LAB, STANDARD UNITS SU	01/16/52-05/17/88	10	8.	8.09	8.8	7.7	0.108	0.328	7.71	7.875	8.2	8.77
00403	CONVERTED PH, LAB, STANDARD UNITS	01/16/52-05/17/88	10	8.	8.004	8.8	7.7	0.116	0.34	7.71	7.875	8.2	8.77
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/16/52-05/17/88	10	0.01	0.01	0.02	0.002	0.	0.005	0.002	0.007	0.013	0.02
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	01/16/52-11/15/77	10	262.	255.3	303.	190.	1445.789	38.024	192.4	219.25	289.	301.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/04/72-05/17/88	10	0.225	0.228	0.6	0.	0.034	0.186	0.	0.06	0.363	0.577
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/04/72-05/17/88	10	5.395	5.064	10.39	0.	13.507	3.675	0.052	1.743	8.028	10.279
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	01/16/52-05/17/88	10	674.5	660.3	774.	512.	5754.456	75.858	519.6	597.	709.5	769.8
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	01/16/52-05/17/88	10	145.5	139.9	174.	99.	626.989	25.04	100.4	116.	160.	172.9
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/16/52-05/17/88	10	75.65	75.14	99.	55.8	126.865	11.263	56.86	68.725	79.6	97.33
00930	SODIUM, DISSOLVED (MG/L AS Na)	01/16/52-05/17/88	10	140.	141.2	153.	128.	74.178	8.613	128.3	134.	150.25	152.8
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/16/52-05/17/88	10	4.4	4.3	6.8	2.6	2.12	1.456	2.6	2.75	5.175	6.75
00941	CHLORIDE, DISSOLVED IN WATER MG/L	01/16/52-05/17/88	10	116.5	116.2	126.	107.	32.4	5.692	107.2	111.25	120.25	125.5
00946	SULFATE, DISSOLVED (MG/L AS SO4)	01/16/52-05/17/88	10	518.5	511.	585.	388.	3077.333	55.474	394.7	494.	540.	583.2
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/07/74-09/20/78	10	1.24	1.674	3.55	0.2	1.567	1.252	0.204	0.675	3.143	5.331
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	01/16/52-05/17/88	10	23.9	22.42	46.	0.	264.908	16.276	0.23	7.7	35.55	45.51

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1977 - Station SAMO0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-05/17/88	10	58.	58.1	71.	45.	43.433	6.59	46.	55.	61.25	70.1
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/16/52-05/17/88	12	1710.	1709.5	1980.	1500.	26784.818	163.661	1503.	1575.	1810.	1980.
00300	OXYGEN, DISSOLVED MG/L	09/05/72-05/17/88	11	7.5	8.009	17.3	3.	15.877	3.985	3.34	5.1	10.1	16.14
00310	BOD, 5 DAY, 20 DEG C MG/L	10/04/72-05/17/88	12	2.	3.917	15.	1.	15.902	3.988	1.	1.25	5.	12.6
00335	COD, .025N K2CR2O7 MG/L	10/04/72-09/20/78	11	26.	28.364	51.	15.	109.255	10.452	15.8	20.	33.	49.
00403	PH, LAB, STANDARD UNITS SU	01/16/52-05/17/88	12	8.15	8.133	8.6	7.6	0.086	0.293	7.66	7.925	8.375	8.57
00403	CONVERTED PH, LAB, STANDARD UNITS	01/16/52-05/17/88	12	8.147	8.043	8.6	7.6	0.095	0.308	7.66	7.925	8.375	8.57
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/16/52-05/17/88	12	0.007	0.009	0.025	0.003	0.	0.006	0.003	0.004	0.012	0.022
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	01/16/52-11/15/77	9	218.	229.444	309.	169.	2442.778	49.424	169.	192.	272.5	309.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/04/72-05/17/88	9	0.109	0.115	0.217	0.	0.004	0.066	0.	0.075	0.175	0.217
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/04/72-05/17/88	11	2.06	4.103	8.81	0.	15.189	3.897	0.	0.47	8.4	8.76
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	01/16/52-05/17/88	4	552.	544.5	584.	490.	1788.333	42.289	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	01/16/52-05/17/88	4	121.5	124.25	140.	114.	126.917	11.266	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/16/52-05/17/88	4	57.1	56.95	63.4	50.2	29.077	5.392	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	01/16/52-05/17/88	5	136.	140.6	180.	117.	560.8	23.681	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/16/52-05/17/88	5	5.7	7.86	19.	3.2	40.198	6.34	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	01/16/52-05/17/88	11	117.	120.636	144.	106.	153.455	12.388	106.2	112.	135.	142.2
00946	SULFATE, DISSOLVED (MG/L AS SO4)	01/16/52-05/17/88	12	518.5	524.583	710.	404.	9672.265	98.348	409.7	437.5	616.5	689.

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1977 - Station SAMO0062

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/07/74-09/20/78	11	0.82	1.537	4.08	0.37	1.758	1.326	0.392	0.59	2.84	3.916
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	01/16/52-05/17/88	12	11.65	17.833	39.	0.	271.988	16.492	0.	2.425	36.225	38.67

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1978 - Station SAMO0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-05/17/88	10	56.5	57.3	67.	50.	32.011	5.658	50.	52.25	63.	66.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/16/52-05/17/88	12	1066.5	1129.417	1760.	451.	207656.083	455.693	479.8	752.75	1545.	1748.
00300	OXYGEN, DISSOLVED MG/L	09/05/72-05/17/88	8	8.8	8.125	10.	4.4	3.511	1.874	**	**	**	*
00310	BOD, 5 DAY, 20 DEG C MG/L	10/04/72-05/17/88	12	2.	3.667	12.	1.	10.606	3.257	1.	1.25	5.	10.5
00335	COD, .025N K2CR2O7 MG/L	10/04/72-09/20/78	12	23.5	31.583	95.	4.	914.629	30.243	4.9	12.	43.75	92.6
00403	PH, LAB, STANDARD UNITS SU	01/16/52-05/17/88	12	8.2	7.967	8.3	7.1	0.172	0.414	7.19	7.575	8.275	8.3
00403	CONVERTED PH, LAB, STANDARD UNITS	01/16/52-05/17/88	12	8.2	7.747	8.3	7.1	0.224	0.474	7.19	7.575	8.275	8.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/16/52-05/17/88	12	0.006	0.018	0.079	0.005	0.001	0.023	0.005	0.005	0.028	0.068
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/04/72-05/17/88	9	0.08	0.169	0.42	0.07	0.02	0.142	0.07	0.07	0.305	0.42
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/04/72-05/17/88	8	4.36	4.103	6.35	1.58	3.034	1.742	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	01/16/52-05/17/88	4	203.	192.	256.	106.	4594.	67.779	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	01/16/52-05/17/88	4	45.5	47.	61.	36.	155.333	12.463	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/16/52-05/17/88	4	19.5	21.25	30.	16.	36.917	6.076	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	01/16/52-05/17/88	4	42.	44.75	67.	28.	306.25	17.5	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/16/52-05/17/88	4	8.5	8.25	11.	5.	7.583	2.754	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	01/16/52-05/17/88	12	57.5	64.333	117.	21.	1057.515	32.519	22.2	42.25	97.	115.5
00946	SULFATE, DISSOLVED (MG/L AS SO4)	01/16/52-05/17/88	12	272.	315.167	568.	87.	31821.97	178.387	97.2	150.	512.75	558.4
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/07/74-09/20/78	8	0.795	1.099	2.41	0.08	0.734	0.857	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	01/16/52-05/17/88	12	15.45	16.1	28.1	7.	54.987	7.415	7.	10.	21.8	27.68

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1988 - Station SAMO0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-05/17/88	1	68.	68.	68.	68.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/16/52-05/17/88	1	1410.	1410.	1410.	1410.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/05/72-05/17/88	1	14.5	14.5	14.5	14.5	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	10/04/72-05/17/88	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/16/52-05/17/88	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	01/16/52-05/17/88	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/16/52-05/17/88	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/04/72-05/17/88	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/04/72-05/17/88	1	5.76	5.76	5.76	5.76	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	01/16/52-05/17/88	1	522.	522.	522.	522.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	01/16/52-05/17/88	1	107.	107.	107.	107.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/16/52-05/17/88	1	62.	62.	62.	62.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	01/16/52-05/17/88	1	129.	129.	129.	129.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/16/52-05/17/88	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	01/16/52-05/17/88	1	122.	122.	122.	122.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	01/16/52-05/17/88	1	391.	391.	391.	391.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	01/16/52-05/17/88	1	28.8	28.8	28.8	28.8	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #1: 6/01 to 10/31 - Station SAMO0062

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	24	64.	64.417	85.	56.	32.428	5.695	58.5	61.	65.	70.5
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	27	1810.	1810.37	2170.	1500.	24126.781	155.328	1614.	1720.	1910.	2044.
00300	OXYGEN, DISSOLVED MG/L	27	4.7	6.459	24.3	0.8	26.178	5.116	1.98	3.1	7.8	12.74
00310	BOD, 5 DAY, 20 DEG C MG/L	26	3.	3.308	10.	1.	5.422	2.328	1.	1.	5.	7.
00403p	PH, LAB, STANDARD UNITS SU	27	8.1	8.115	8.8	7.5	0.094	0.306	7.68	7.9	8.3	8.52
00403p	CONVERTED PH, LAB, STANDARD UNITS	27	8.1	8.014	8.8	7.5	0.104	0.323	7.68	7.9	8.3	8.52
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	27	0.008	0.01	0.032	0.002	0.	0.007	0.003	0.005	0.013	0.021
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	22	310.	301.955	350.	214.	1293.093	35.96	223.7	294.75	319.	345.1
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	24	0.	0.066	0.37	0.	0.011	0.105	0.	0.	0.08	0.26
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	25	1.78	1.913	7.5	0.	4.191	2.047	0.	0.335	2.565	6.158
00900p	HARDNESS, TOTAL (MG/L AS CaCO3)	19	722.	735.105	876.	600.	6001.099	77.467	625.	678.	786.	861.
00915p	CALCIUM, DISSOLVED (MG/L AS Ca)	19	154.	156.421	193.	99.	548.813	23.427	117.	146.	174.	190.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	19	82.	83.516	99.	68.8	87.636	9.361	71.3	74.1	92.2	97.7
00930p	SODIUM, DISSOLVED (MG/L AS Na)	19	151.	152.632	177.	128.	202.357	14.225	134.	142.	164.	176.
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	19	4.	4.016	5.6	2.6	0.638	0.799	2.8	3.5	4.6	5.5
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	26	115.5	114.923	135.	90.	180.074	13.419	98.5	104.25	128.5	135.
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	27	555.	564.807	712.	439.	4319.432	65.722	498.	520.	607.	675.
71851p	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	26	6.85	7.308	28.1	0.	56.182	7.495	0.	0.675	10.625	17.25
71900	MERCURY, TOTAL (UG/L AS HG)	11	0.	1.818	10.	0.	16.364	4.045	0.	0.	0.	10.

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #2: 11/01 to 2/29 - Station SAMO0062

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	28	51.	51.196	60.	41.	23.969	4.896	44.9	48.	55.	57.2
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	30	1705.	1566.467	2200.	451.	293856.12	542.085	737.4	957.5	2042.5	2149.
00300	OXYGEN, DISSOLVED MG/L	24	8.95	8.346	10.8	4.4	3.703	1.924	5.	6.575	9.75	10.6
00310	BOD, 5 DAY, 20 DEG C MG/L	27	2.	3.556	15.	1.	11.103	3.332	1.	2.	4.	8.
00403p	PH, LAB, STANDARD UNITS SU	30	8.1	8.01	8.5	7.1	0.12	0.347	7.5	7.775	8.3	8.39
00403p	CONVERTED PH, LAB, STANDARD UNITS	30	8.1	7.852	8.5	7.1	0.146	0.382	7.5	7.775	8.3	8.39
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	30	0.008	0.014	0.079	0.003	0.	0.016	0.004	0.005	0.017	0.032
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	22	285.	275.5	345.	82.	3265.881	57.148	208.3	253.25	314.5	333.7
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	25	0.	0.063	0.39	0.	0.01	0.099	0.	0.	0.114	0.202
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	25	4.95	5.176	13.5	1.	8.148	2.855	1.508	3.125	7.355	8.56
00900p	HARDNESS, TOTAL (MG/L AS CaCO3)	26	686.5	609.577	891.	106.	50584.174	224.909	215.8	557.75	774.	827.1
00915p	CALCIUM, DISSOLVED (MG/L AS Ca)	26	153.	137.012	245.	36.	2690.363	51.869	44.7	119.75	170.	182.8
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	26	70.3	65.446	92.7	16.	556.459	23.589	19.7	57.15	82.825	89.39
00930p	SODIUM, DISSOLVED (MG/L AS Na)	26	148.	132.442	202.	28.	2149.527	46.363	45.2	118.75	163.25	180.3
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	26	4.7	5.738	19.	3.4	10.747	3.278	3.67	4.	6.4	10.3
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	29	117.	101.138	144.	21.	1297.48	36.021	42.	81.	125.	138.
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	29	531.	463.655	710.	87.	38539.734	196.315	121.	320.	602.	684.
71851p	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	29	20.3	20.972	59.6	4.5	160.669	12.676	7.	10.	29.6	37.9
71900	MERCURY, TOTAL (UG/L AS HG)	19	0.	1.316	5.	0.	3.45	1.857	0.	0.	4.	4.

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #3: 3/01 to 5/31 - Station SAMO0062

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	18	58.5	57.444	69.	45.	39.556	6.289	49.5	52.25	61.25	68.1
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	18	1485.	1455.833	1720.	935.	45424.265	213.13	1137.5	1342.5	1615.	1720.
00300	OXYGEN, DISSOLVED MG/L	18	8.3	8.672	14.7	5.1	7.116	2.668	5.73	6.4	9.5	14.52
00310	BOD, 5 DAY, 20 DEG C MG/L	18	2.	2.794	7.	0.3	3.502	1.871	0.93	2.	3.25	7.
00403p	PH, LAB, STANDARD UNITS SU	18	8.25	8.206	8.6	7.8	0.048	0.218	7.8	8.075	8.325	8.51

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

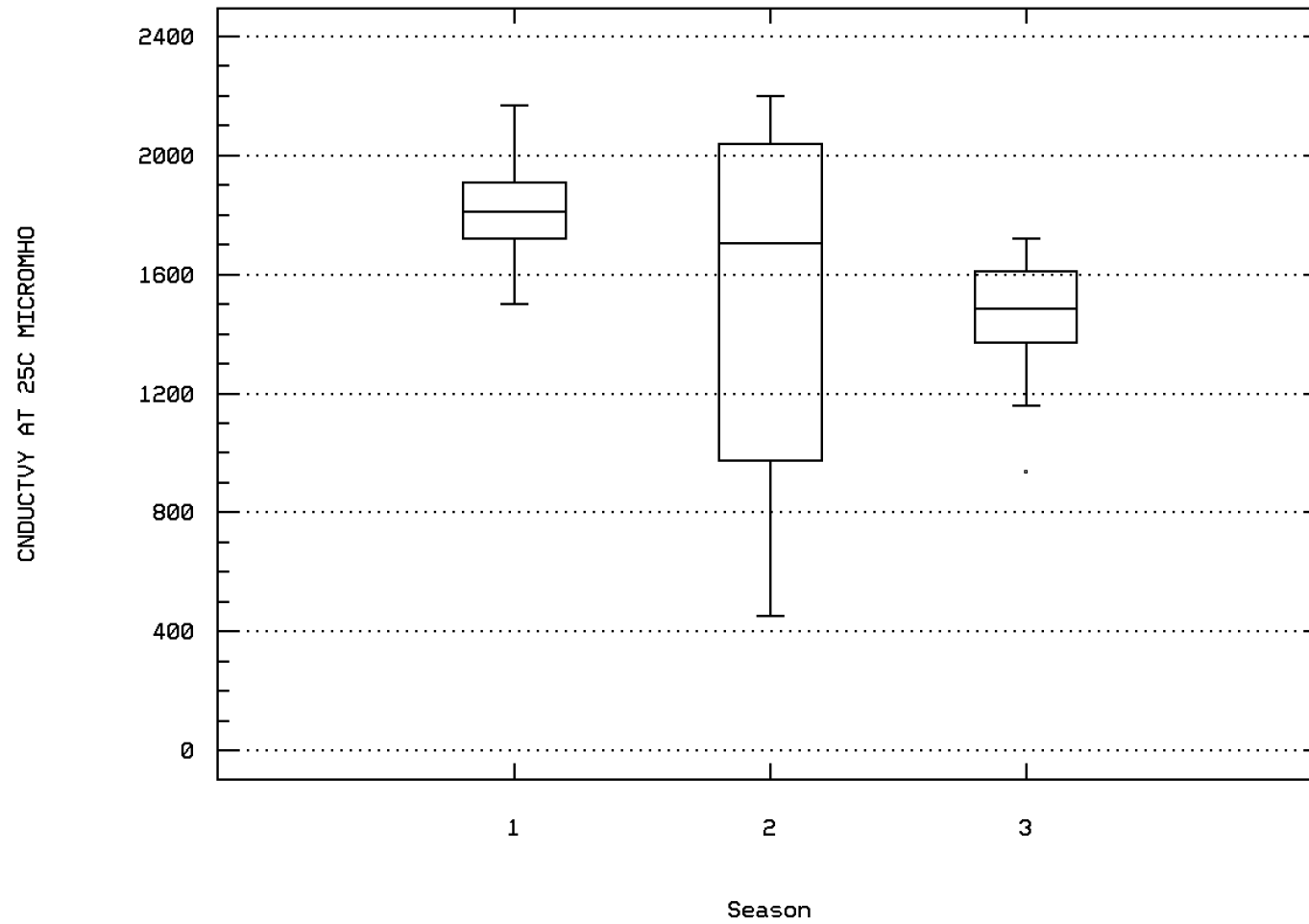
### Seasonal Analysis for Season #3: 3/01 to 5/31 - Station SAMO0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/16/52-05/17/88	18	8.247	8.152	8.6	7.8	0.051	0.225	7.8	8.075	8.325	8.51
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/16/52-05/17/88	18	0.006	0.007	0.016	0.003	0.	0.004	0.003	0.005	0.008	0.016
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	01/16/52-11/15/77	14	241.	241.	311.	169.	1934.923	43.988	175.5	210.25	271.5	309.5
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/04/72-05/17/88	16	0.075	0.438	5.08	0.	1.565	1.251	0.	0.	0.31	1.944
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/04/72-05/17/88	16	3.915	4.672	10.39	0.	9.343	3.057	1.295	2.3	7.268	9.613
00900p	HARDNESS, TOTAL (MG/L AS CaCO3)	01/16/52-05/17/88	13	512.	529.769	667.	394.	6443.526	80.272	406.4	485.	597.5	657.
00915p	CALCIUM, DISSOLVED (MG/L AS Ca)	01/16/52-05/17/88	13	113.	113.792	138.	84.	281.707	16.784	86.28	104.8	128.5	138.
00925p	MAGNESIUM, DISSOLVED (MG/L AS Mg)	01/16/52-05/17/88	13	60.9	59.623	77.2	45.	94.429	9.717	46.6	50.6	67.15	75.4
00930p	SODIUM, DISSOLVED (MG/L AS Na)	01/16/52-05/17/88	14	122.1	117.564	140.	80.	360.59	18.989	84.5	101.425	133.5	139.
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	01/16/52-05/17/88	14	3.8	4.1	6.4	2.3	1.938	1.392	2.45	3.	5.1	6.35
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	01/16/52-05/17/88	18	87.	88.722	122.	54.	569.271	23.859	54.9	64.75	112.25	116.6
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	01/16/52-05/17/88	18	397.5	397.222	512.	244.	5647.242	75.148	286.3	340.	455.	503.9
71851p	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	01/16/52-05/17/88	18	17.35	21.039	46.	8.2	146.193	12.091	8.83	11.15	29.925	41.59
71900	MERCURY, TOTAL (UG/L AS Hg)	10/04/72-05/17/88	9	0.	0.444	3.	0.	1.028	1.014	0.	0.	0.5	3.

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

Station: SAM00062 Parameter Code: 00095

SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)



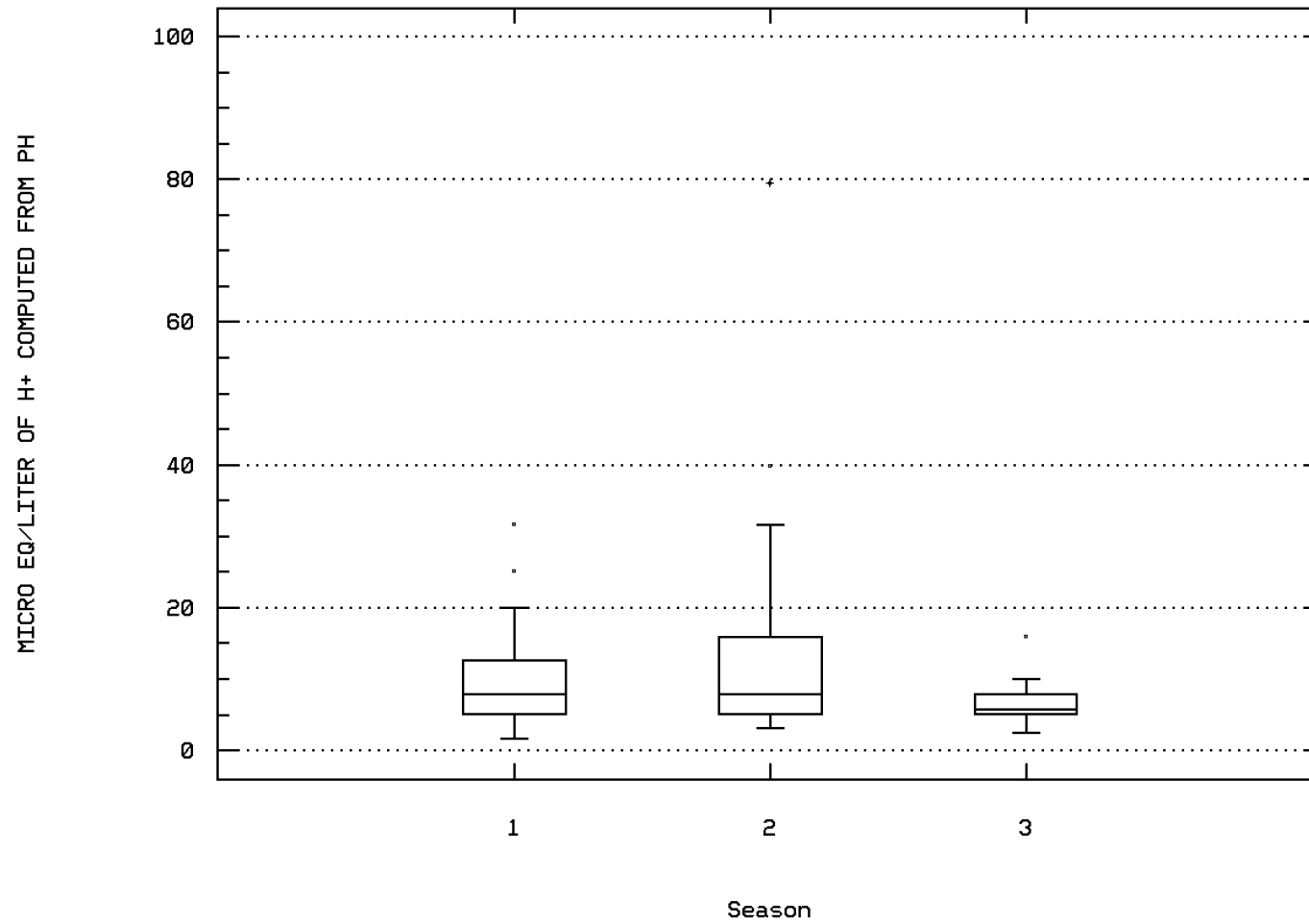
MALIBU CREEK AT PACIFIC COAST HWY



Station: SAM00062 Parameter Code: 00403

MICRO EQ/LITER OF H+ COMPUTED FROM PH

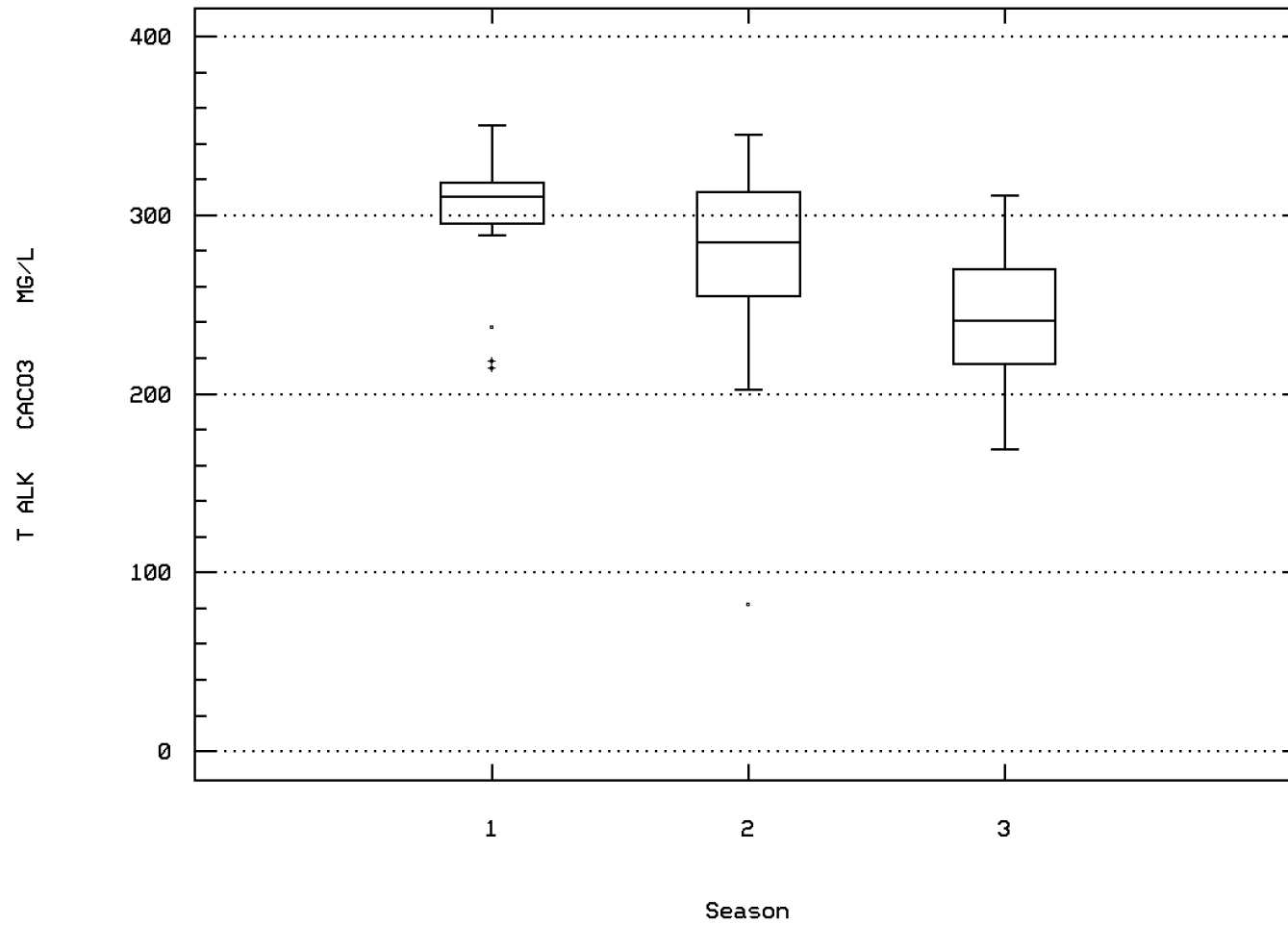
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MALIBU CREEK AT PACIFIC COAST HWY

Station: SAM00062 Parameter Code: 00410

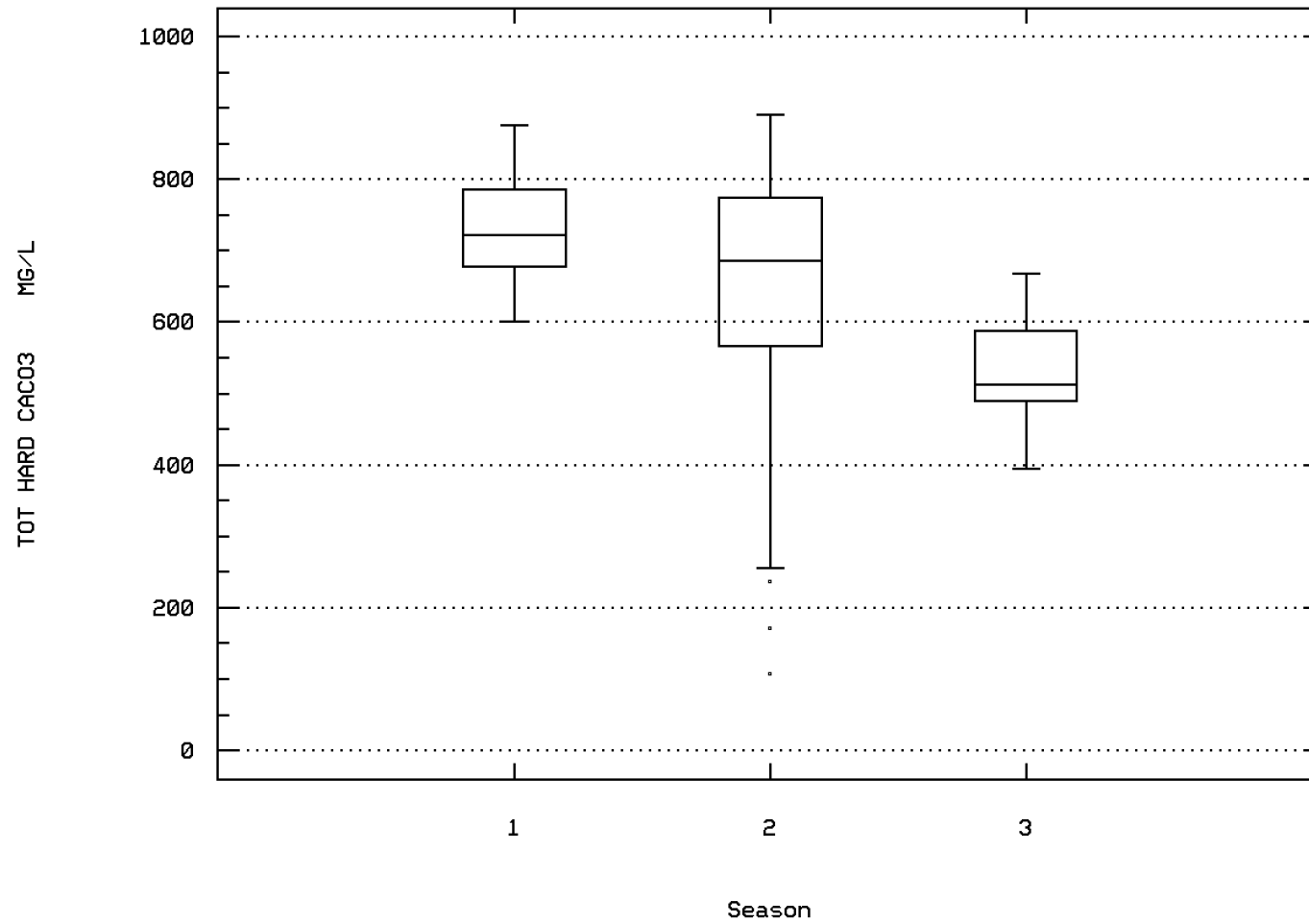
ALKALINITY, TOTAL (MG/L AS CaCO3)



MALIBU CREEK AT PACIFIC COAST HWY

Station: SAM00062 Parameter Code: 00900

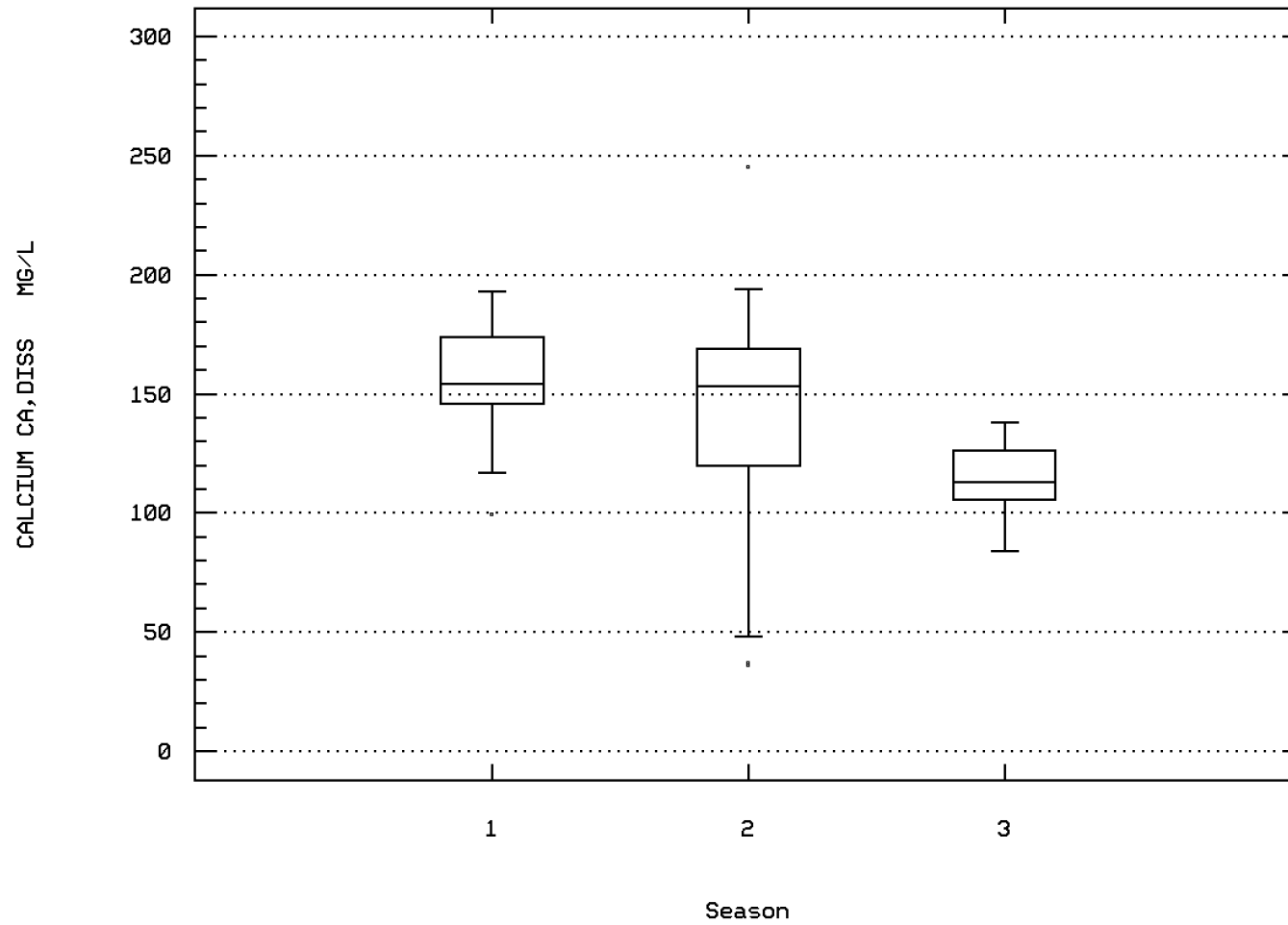
HARDNESS, TOTAL (MG/L AS CaCO3)



MALIBU CREEK AT PACIFIC COAST HWY

Station: SAM00062 Parameter Code: 00915

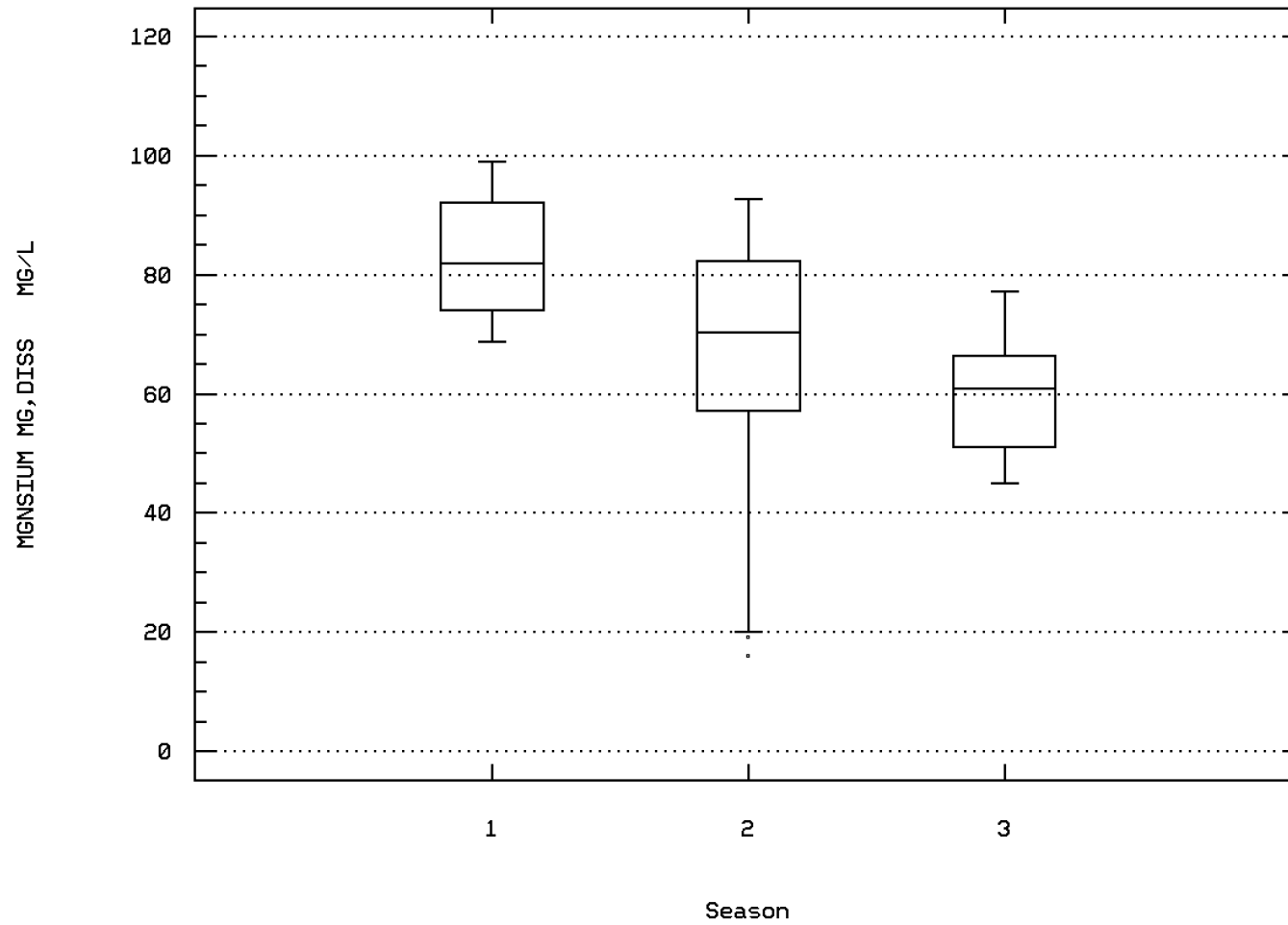
CALCIUM, DISSOLVED (MG/L AS CA)



MALIBU CREEK AT PACIFIC COAST HWY

Station: SAM00062 Parameter Code: 00925

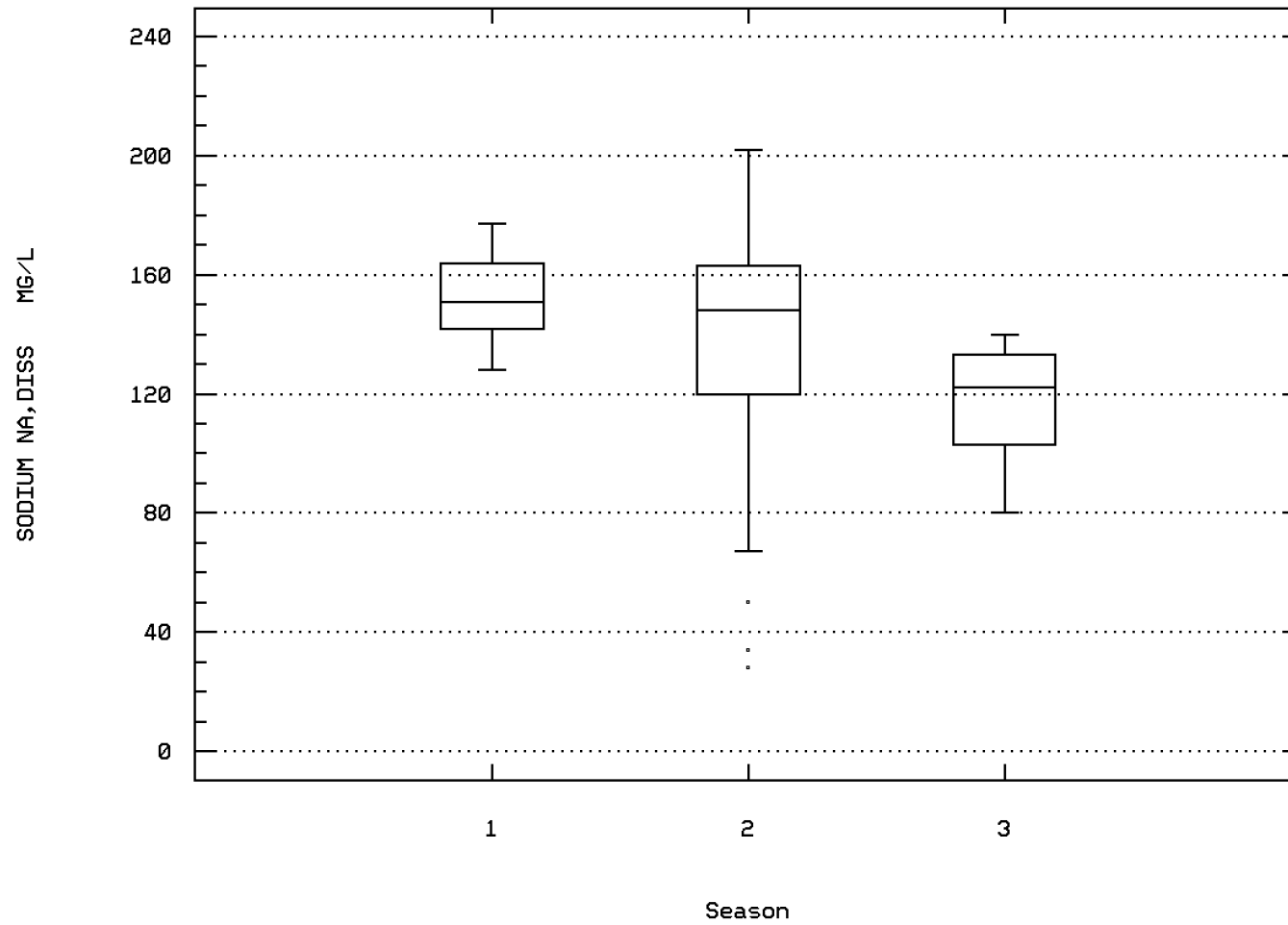
MAGNESIUM, DISSOLVED (MG/L AS MG)



MALIBU CREEK AT PACIFIC COAST HWY

Station: SAM00062 Parameter Code: 00930

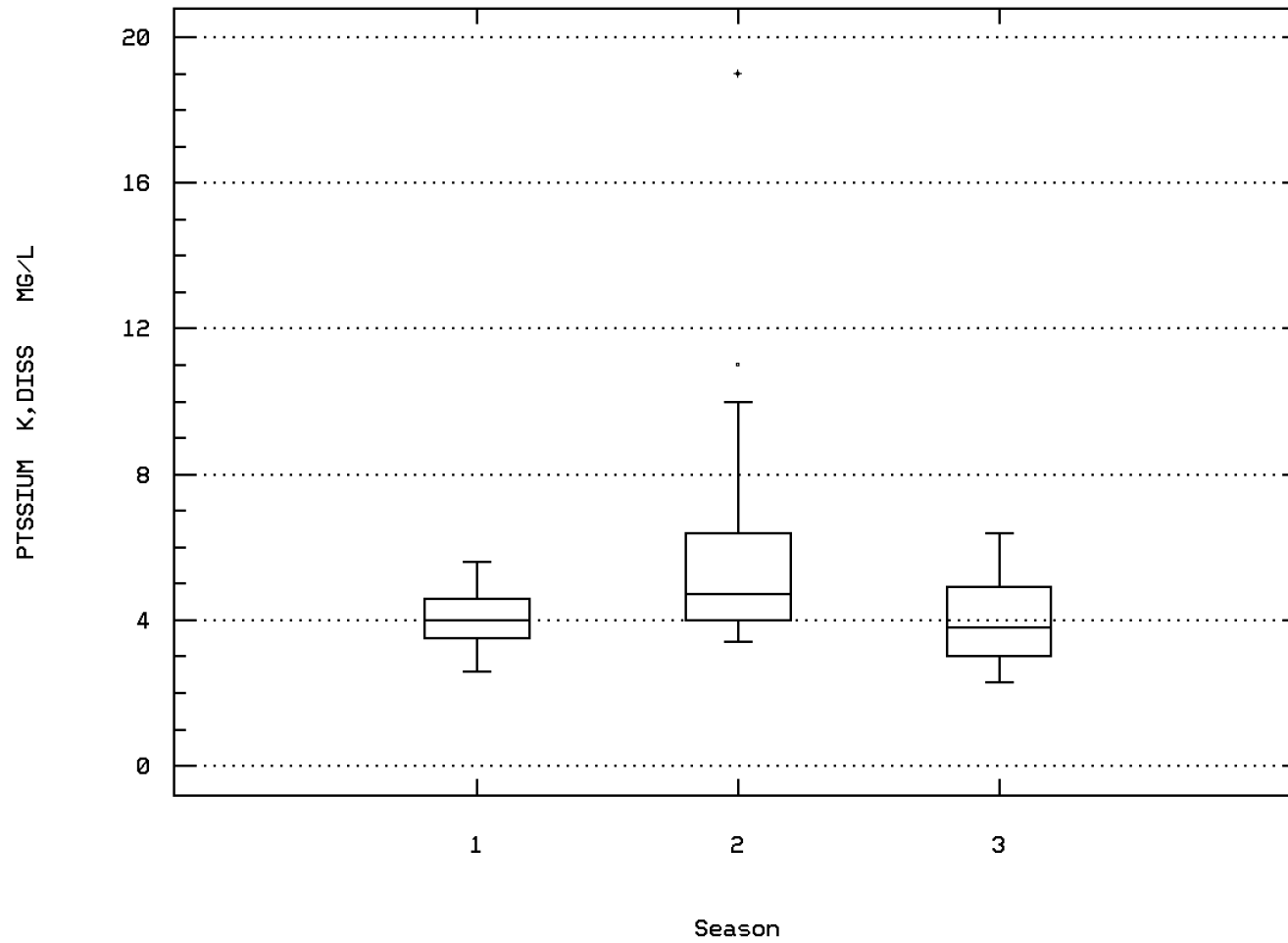
SODIUM, DISSOLVED (MG/L AS NA)



MALIBU CREEK AT PACIFIC COAST HWY

Station: SAM00062 Parameter Code: 00935

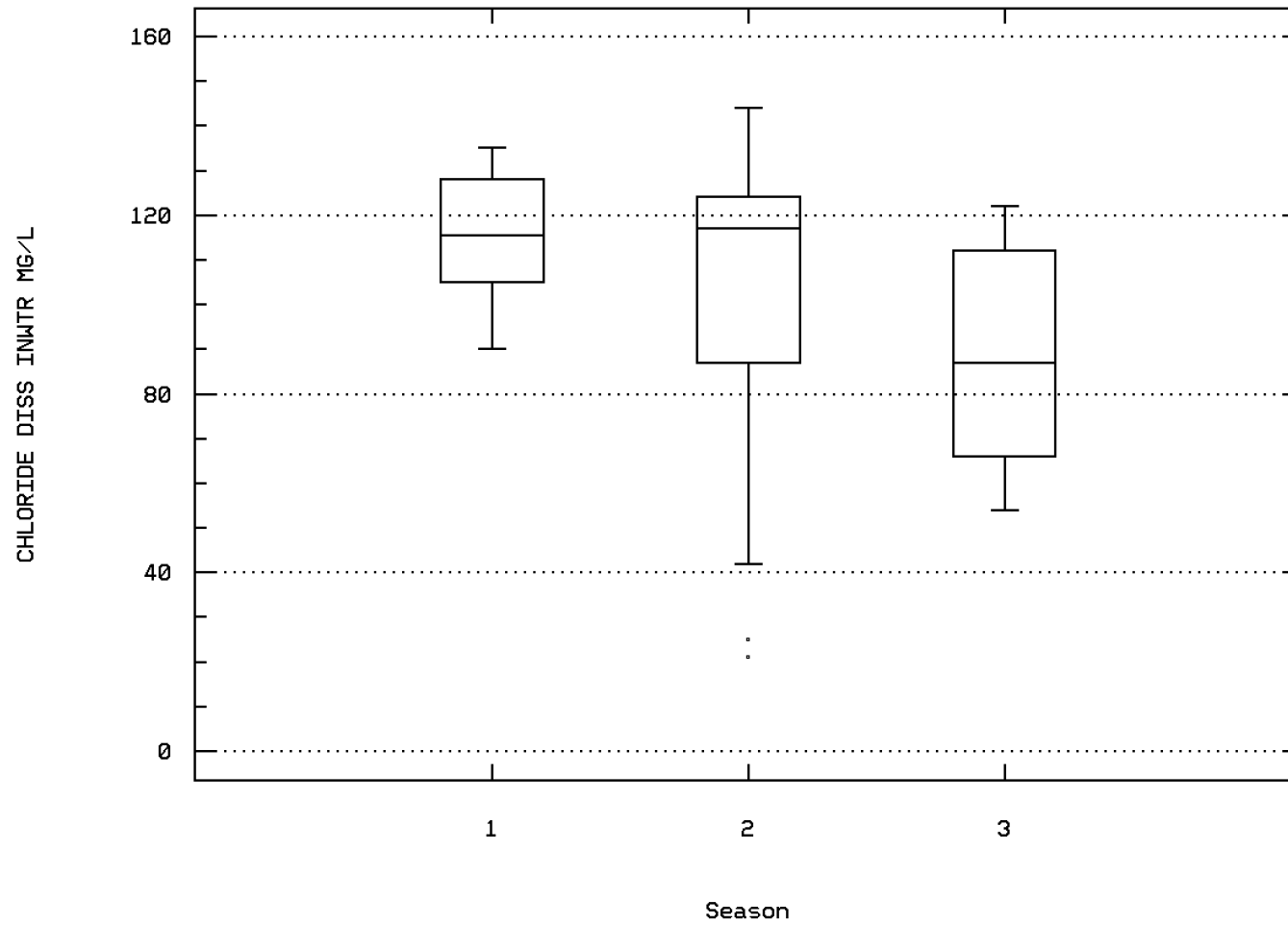
POTASSIUM, DISSOLVED (MG/L AS K)



MALIBU CREEK AT PACIFIC COAST HWY

Station: SAM00062 Parameter Code: 00941

CHLORIDE, DISSOLVED IN WATER

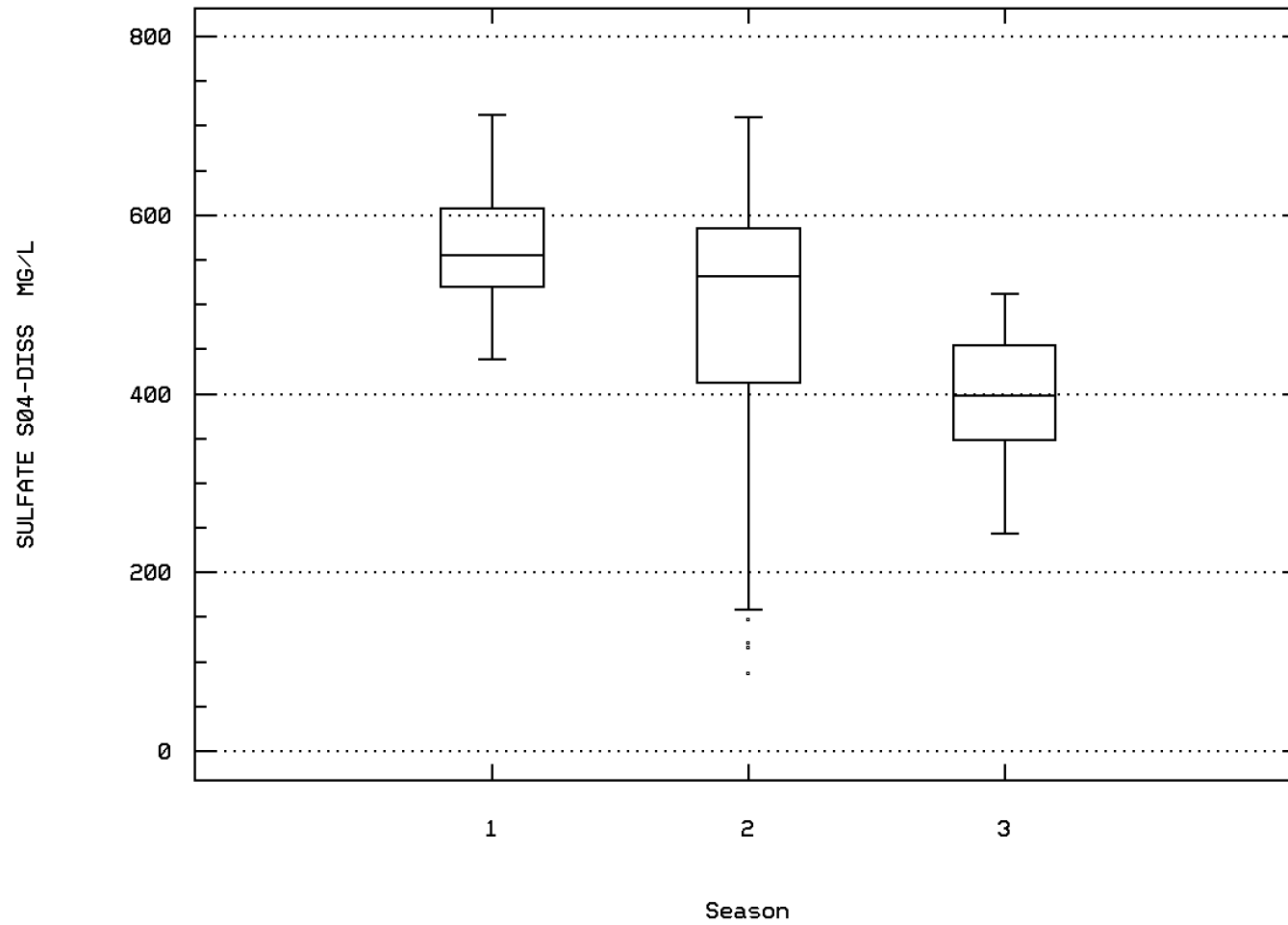


MALIBU CREEK AT PACIFIC COAST HWY



Station: SAM00062 Parameter Code: 00946

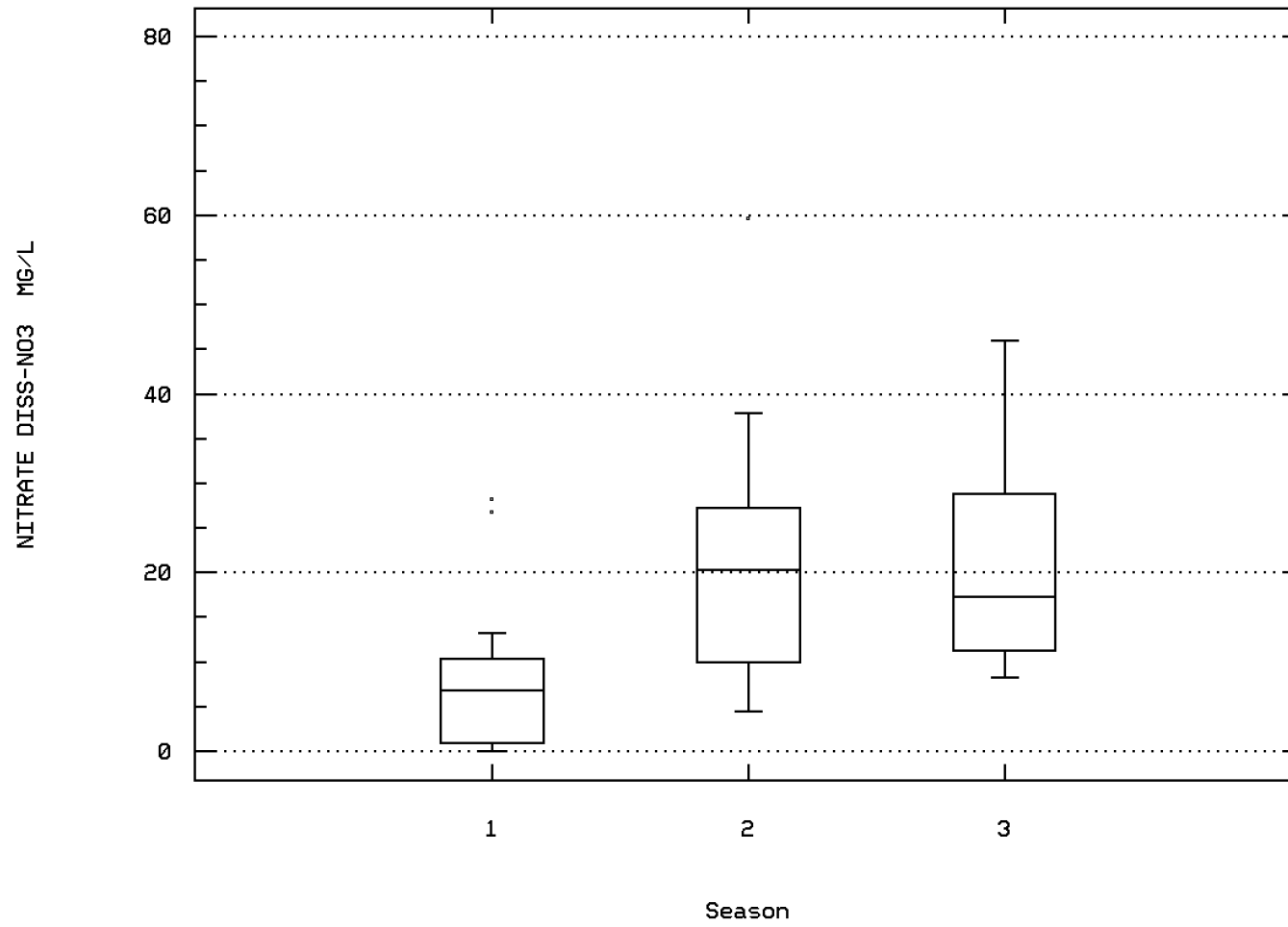
SULFATE, DISSOLVED (MG/L AS S04)



MALIBU CREEK AT PACIFIC COAST HWY

Station: SAM00062 Parameter Code: 71851

NITRATE NITROGEN, DISSOLVED (MG/L AS NO



MALIBU CREEK AT PACIFIC COAST HWY

## Station Inventory for Station: SAMO0063

NPS Station ID: SAMO0063 Location: CHIVO C A CONFLUENCE / LAS LLAGAS Station Type: /TYPA/AMBNT/STREAM RMI-Indexes: RMI-Miles: HUC: 18070103 Major Basin: LOS ANGELES AREA Minor Basin: CALLEGUAS-CONEJO CREEKS RF1 Index: 18070103006 RF3 Index: 18070103025800.00 Description: SURFACE WATER STATION; DATA MANAGER CODE: 3; AREAL CODE: ; BEGINNING OF RECORD: . ; ELEVATION: 1125 ; STATION NAME: CHIVO C A CONFLUENCE / LAS LLAGAS; DWR COUNTY CODE: 56; LATITUDE: 341755; LONGITUDE: 1184131; CALIFORNIA COORDINATES:	LAT/LON: 34.298615/-118.691949          Depth of Water: 0 Elevation: 0  RF1 Mile Point: 12.600 RF3 Mile Point: 0.82	Agency: 21CAL-1 FIPS State/County: 06111 CALIFORNIA/VENTURA STORET Station ID(s): Z4169550 /4036711 Within Park Boundary: No  Aquifer: Water Body Id: ECO Region: Distance from RF1: 0.00 Distance from RF3: 0.05
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Date Created: 08/27/76

On/Off RF1: OFF  
On/Off RF3:

### Parameter Inventory for Station: SAMO0063

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/16/52-04/16/52	1	70.	70.	70.	70.	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	04/16/52-12/02/52	2	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/16/52-12/02/52	2	2449.	2449.	2778.	2120.	216482.	465.276	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	04/16/52-12/02/52	2	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	04/16/52-12/02/52	2	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/16/52-12/02/52	2	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	04/16/52-12/02/52	2	295.5	295.5	307.	284.	264.5	16.263	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	04/16/52-12/02/52	2	1162.5	1162.5	1366.	959.	82824.5	287.792	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	04/16/52-12/02/52	2	276.2	276.2	331.	221.4	6006.08	77.499	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	04/16/52-12/02/52	2	114.8	114.8	131.	98.6	524.88	22.91	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	04/16/52-12/02/52	2	253.	253.	280.	226.	1458.	38.184	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	04/16/52-12/02/52	2	6.15	6.15	6.8	5.5	0.845	0.919	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	04/16/52-12/02/52	2	182.	182.	220.	144.	2888.	53.74	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	04/16/52-12/02/52	2	1100.	1100.	1296.	904.	76832.	277.186	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	04/16/52-12/02/52	2	1730.	1730.	1860.	1600.	33800.	183.848	**	**	**	**
70300 RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	04/16/52-12/02/52	2	2333.	2333.	2648.	2018.	198450.	445.477	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/16/52-12/02/52	2	4.9	4.9	7.3	2.5	11.52	3.394	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0063

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403	PH, LAB	Other-Hi Lim.	9.	2	0	0.00				1	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	2	0	0.00				1	0	0.00	1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	2	0	0.00				1	0	0.00	1	0	0.00			
		Drinking Water	250.	2	0	0.00				1	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: SAMO0063

Parameter	Std. Type	Std. Value	Total	Exceed	Prop.	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
			Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00946 SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	2	2	1.00				1	1	1.00	1	1	1.00			
71851 NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	2	0	0.00				1	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0064

NPS Station ID: SAMO0064  
 Location: ARROYO SIMI AB CON / CHIVO CREEK  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070103  
 Major Basin: LOS ANGELES AREA  
 Minor Basin: CALLEGUAS-CONEJO CREEKS  
 RF1 Index: 18070103006  
 RF3 Index: 18070103025900.00  
 Description:  
 SURFACE WATER STATION; DATA MANAGER CODE: 3; AREAL CODE: ; BEGINNING OF RECORD: . ; ELEVATION: 1000 ;  
 STATION NAME: ARROYO SIMI AB CON / CHIVO CREEK ;  
 CALIFORNIA COORDINATES:

LAT/LON: 34.271948/-118.697226

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 10.360  
 RF3 Mile Point: 0.04

Agency: 21CAL-1  
 FIPS State/County: 06111 CALIFORNIA/VENTURA  
 STORET Station ID(s): Z4170010 /4036712  
 Within Park Boundary: No

Date Created: 08/27/76

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 0.00  
 Distance from RF3: 0.01

On/Off RF1: OFF  
 On/Off RF3:

## Parameter Inventory for Station: SAMO0064

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/27/56-01/27/56	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	02/09/62-02/19/62	2	55.	55.	57.	53.	8.	2.828	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	01/27/56-04/02/65	4	14.	30.25	92.	1.	1812.917	42.578	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/27/56-04/02/65	4	299.	297.	390.	200.	6032.667	77.67	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	01/27/56-04/02/65	4	7.55	7.475	8.2	6.6	0.476	0.69	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	01/27/56-04/02/65	4	7.482	7.092	8.2	6.6	0.671	0.819	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/27/56-04/02/65	4	0.033	0.081	0.251	0.006	0.013	0.115	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	01/27/56-04/02/65	4	60.	61.5	80.	46.	262.333	16.197	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	01/27/56-04/02/65	4	99.	103.25	127.	88.	358.25	18.927	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	01/27/56-04/02/65	4	30.5	29.	41.	14.	124.667	11.165	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	01/27/56-04/02/65	4	7.	7.25	13.	2.	20.917	4.573	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS NA)	01/27/56-04/02/65	4	15.5	15.	18.	11.	10.	3.162	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	01/27/56-04/02/65	4	3.	2.925	3.7	2.	0.489	0.699	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	01/27/56-04/02/65	4	14.	13.25	18.	7.	23.583	4.856	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	01/27/56-04/02/65	4	56.	50.	64.	24.	315.333	17.758	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	02/09/62-04/02/65	3	0.4	0.4	0.8	0.	0.16	0.4	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	02/09/62-02/19/62	2	13.	13.	16.	10.	18.	4.243	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	01/27/56-04/02/65	4	70.	87.5	210.	0.	11025.	105.	**	**	**	**
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/27/56-04/02/65	4	218.5	219.25	254.	186.	779.583	27.921	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	01/27/56-04/02/65	4	6.5	9.	20.	3.	60.667	7.789	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

## EPA Water Quality Criteria Analysis for Station: SAMO0064

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
00403 PH, LAB	Other-Hi Lim.	9.	4	0	0.00	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
	Other-Lo Lim.	6.5	4	0	0.00				3	0	0.00	1	0	0.00			
									3	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: SAMO0064

Parameter		Std. Type	Std. Value	Total			Exceed			Prop.			-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
				Obs	Exceed	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.					
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	4	0	0.00				3	0	0.00	1	0	0.00									
		Drinking Water	250.	4	0	0.00				3	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	4	0	0.00				3	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	3	0	0.00				2	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	4	0	0.00				3	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: SAMO0065

NPS Station ID: SAMO0065

Location: CHIVO CREEK AT BERNARD ST

Station Type: /TYP/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 18070103

Major Basin: LOS ANGELES AREA

Minor Basin: CALLEGUAS-CONEJO CREEKS

RF1 Index: 18070103006

RF3 Index: 18070103025800.00

Description:

SURFACE WATER STATION; DATA MANAGER CODE: 3; AREAL CODE: ; BEGINNING OF RECORD: . ; ELEVATION: 1010 ;

STATION NAME: CHIVO CREEK AT BERNARD ST ; DWR COUNTY CODE: 56; LATITUDE: 341657; LONGITUDE: 1184152;

CALIFORNIA COORDINATES:

LAT/LON: 34.282503/-118.697782

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 11.360

RF3 Mile Point: 0.08

Agency: 21CAL-1

FIPS State/County: 06111 CALIFORNIA/VENTURA

STORET Station ID(s): Z4169220 /4036710

Within Park Boundary: No

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.00

Distance from RF3: 0.02

Date Created: 08/27/76

On/Off RF1: OFF

On/Off RF3:

Parameter Inventory for Station: SAMO0065

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/08/52-04/08/52	1	77.	77.	77.	77.	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	04/08/52-04/08/52	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	04/08/52-04/08/52	1	289.	289.	289.	289.	0.	0.	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	04/08/52-04/08/52	1	195.	195.	195.	195.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: SAMO0065

Parameter	Std. Type	Std. Value	Total		Exceed	Prop.	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
			Obs	Standard			Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00941 CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0	0.00							1	0	0.00			
	Drinking Water	250.	1	0	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0066

NPS Station ID: SAMO0066  
 Location: COLD C A PIUMA RD NR MONTE NIDO CA  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070104  
 Major Basin:  
 Minor Basin:  
 RF1 Index: 18070104  
 RF3 Index: 18070105000800.00  
 Description:

LAT/LON: 34.079170/-118.698337

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 0.20

Agency: 112WRD  
 FIPS State/County: 06037 CALIFORNIA/LOS ANGELES  
 STORET Station ID(s): 11105410  
 Within Park Boundary: Yes

Date Created: 07/02/88

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 4.20  
 Distance from RF3: 0.72

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: SAMO0066

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/17/87-08/03/88	2	14.5	14.5	18.5	10.5	32.	5.657	**	**	**	**
00025 BAROMETRIC PRESSURE (MM OF HG)	12/17/87-08/03/88	2	744.5	744.5	754.	735.	180.5	13.435	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	12/17/87-08/03/88	2	2.52	2.52	5.	0.04	12.301	3.507	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/17/87-08/03/88	2	1117.	1117.	1330.	904.	90738.	301.227	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	12/17/87-08/03/88	2	9.15	9.15	10.2	8.1	2.205	1.485	**	**	**	**
00400 PH (STANDARD UNITS)	12/17/87-08/03/88	2	8.	8.	8.	8.	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	12/17/87-08/03/88	2	8.	8.	8.	8.	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/17/87-08/03/88	2	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	12/17/87-08/03/88	2	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	12/17/87-08/03/88	2	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/17/87-08/03/88	2	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	12/17/87-08/03/88	2	354.	354.	472.	236.	27848.	166.877	**	**	**	**
00631 NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	12/17/87-08/03/88	2	0.8	0.8	1.1	0.5	0.18	0.424	**	**	**	**
00671 PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/17/87-08/03/88	2	0.08	0.08	0.1	0.06	0.001	0.028	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	12/17/87-08/03/88	2	104.5	104.5	130.	79.	1300.5	36.062	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	12/17/87-08/03/88	2	52.5	52.5	67.	38.	420.5	20.506	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	12/17/87-08/03/88	2	73.	73.	89.	57.	512.	22.627	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	12/17/87-08/03/88	2	1.9	1.9	2.7	1.1	1.28	1.131	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	12/17/87-08/03/88	2	80.5	80.5	110.	51.	1740.5	41.719	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	12/17/87-08/03/88	2	180.	180.	190.	170.	200.	14.142	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	12/17/87-08/03/88	2	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	12/17/87-08/03/88	2	37.	37.	47.	27.	200.	14.142	**	**	**	**
01002 ARSENIC, TOTAL (UG/L AS AS)	12/17/87-08/03/88	2	2.	2.	3.	1.	2.	1.414	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	12/17/87-08/03/88	2	705.	705.	780.	630.	11250.	106.066	**	**	**	**
01027 CADMIUM, TOTAL (UG/L AS CD)	12/17/87-08/03/88	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01034 CHROMIUM, TOTAL (UG/L AS CR)	12/17/87-08/03/88	2	5.5	5.5	9.	2.	24.5	4.95	**	**	**	**
01042 COPPER, TOTAL (UG/L AS CU)	12/17/87-08/03/88	2 ##	12.5	12.5	20.	5.	112.5	10.607	**	**	**	**
01046 IRON, DISSOLVED (UG/L AS FE)	12/17/87-08/03/88	2	9.5	9.5	14.	5.	40.5	6.364	**	**	**	**
01051 LEAD, TOTAL (UG/L AS PB)	12/17/87-08/03/88	2 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01092 ZINC, TOTAL (UG/L AS ZN)	12/17/87-08/03/88	2 ##	12.5	12.5	20.	5.	112.5	10.607	**	**	**	**
01147 SELENIUM, TOTAL (UG/L AS SE)	12/17/87-08/03/88	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31616 FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	08/03/88-08/03/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
31616 LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	08/03/88-08/03/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
31616 GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			1.								
31625 FECAL COLIFORM, MF, M-FC, 0.7 UM	08/03/88-08/03/88	1	250.	250.	250.	250.	0.	0.	**	**	**	**
31625 LOG FECAL COLIFORM, MF, M-FC, 0.7 UM	08/03/88-08/03/88	1	2.398	2.398	2.398	2.398	0.	0.	**	**	**	**
31625 GM FECAL COLIFORM, MF, M-FC, 0.7 UM	GEOMETRIC MEAN =			250.								
39024 PROPANINE, COULSON CONDUCTIVITY, WATER SAMPL (UG/L)	08/03/88-08/03/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot



### Parameter Inventory for Station: SAMO0066

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39030	TREFLAN, MICROCOULOMETRIC, WATER SAMPLE (UG/L)	08/03/88-08/03/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39054	SIMETRYNE IN WHOLE WATER (UG/L)	08/03/88-08/03/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39055	SIMAZINE IN WHOLE WATER (UG/L)	08/03/88-08/03/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39056	PROMETONE IN WHOLE WATER (UG/L)	08/03/88-08/03/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39057	PROMETRYNE IN WHOLE WATER (UG/L)	08/03/88-08/03/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	08/03/88-08/03/88	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/03/88-08/03/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	08/03/88-08/03/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	08/03/88-08/03/88	1	2.	2.	2.	2.	0.	0.	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/03/88-08/03/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/03/88-08/03/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/03/88-08/03/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/03/88-08/03/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/03/88-08/03/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/03/88-08/03/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	12/17/87-08/03/88	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/03/88-08/03/88	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	08/03/88-08/03/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	08/03/88-08/03/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	08/03/88-08/03/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/03/88-08/03/88	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	12/17/87-08/03/88	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	12/17/87-08/03/88	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	12/17/87-08/03/88	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	12/17/87-08/03/88	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	08/03/88-08/03/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	08/03/88-08/03/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	12/17/87-08/03/88	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	12/17/87-08/03/88	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/17/87-08/03/88	2	740.	740.	894.	586.	47432.	217.789	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	12/17/87-12/17/87	1	70.	70.	70.	70.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	12/17/87-08/03/88	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77825	ALACHLOR WHOLE WATER,UG/L	08/03/88-08/03/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	12/17/87-12/17/87	1	181.	181.	181.	181.	0.	0.	**	**	**	**
81757	CYANAZINE IN THE WHOLE WATER SAMPLE UG/L	08/03/88-08/03/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
81886	PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	08/03/88-08/03/88	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82184	AMETRYNE (GESAPAX OR EVIK) TOTAL UG/L	08/03/88-08/03/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
82611	METRIBUZIN, WHOLE WATER, TOTAL RECOVERABLE UG/L	08/03/88-08/03/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
82612	METOLACHLOR, WHOLE WATER, TOTAL RECOVERABLE UG/L	08/03/88-08/03/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0066

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00		
00400	PH	Other-Hi Lim.	9.	2	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00		
		Other-Lo Lim.	6.5	2	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00		
00403	PH, LAB	Other-Hi Lim.	9.	2	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00		
		Other-Lo Lim.	6.5	2	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00		
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00		
00940	CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00		
		Drinking Water	250.	2	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00		
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00		
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00		
01002	ARSENIC, TOTAL	Fresh Acute	360.	2	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00		
		Drinking Water	50.	2	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00		
01027	CADMIUM, TOTAL	Fresh Acute	3.9	0 &	0	0.00											
		Drinking Water	5.	0 &	0	0.00											

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### EPA Water Quality Criteria Analysis for Station: SAMO0066

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
01034 CHROMIUM, TOTAL	Drinking Water	100.	2	0	0.00	1	0	0.00	1	0	0.00						
01042 COPPER, TOTAL	Fresh Acute	18.	2	1	0.50	1	0	0.00	1	1	1.00						
	Drinking Water	1300.	2	0	0.00	1	0	0.00	1	0	0.00						
01051 LEAD, TOTAL	Fresh Acute	82.	2	0	0.00	1	0	0.00	1	0	0.00						
	Drinking Water	15.	0 &	0	0.00												
01092 ZINC, TOTAL	Fresh Acute	120.	2	0	0.00	1	0	0.00	1	0	0.00						
	Drinking Water	5000.	2	0	0.00	1	0	0.00	1	0	0.00						
01147 SELENIUM, TOTAL	Fresh Acute	20.	2	0	0.00	1	0	0.00	1	0	0.00						
	Drinking Water	50.	2	0	0.00	1	0	0.00	1	0	0.00						
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00	1	0	0.00									
31625 FECAL COLIFORM, MF	Other-Hi Lim.	200.	1	1	1.00	1	1	1.00									
39055 SIMAZINE IN WHOLE WATER	Drinking Water	4.	1	0	0.00	1	0	0.00									
39540 PARATHION IN WHOLE WATER SAMPLE	Fresh Acute	0.065	2	0	0.00	1	0	0.00	1	0	0.00						
39630 ATRAZINE(AATREX) IN WHOLE WATER SAMPLE	Drinking Water	3.	1	0	0.00	1	0	0.00									
71900 MERCURY, TOTAL	Fresh Acute	2.4	2	0	0.00	1	0	0.00	1	0	0.00						
	Drinking Water	2.	2	0	0.00	1	0	0.00	1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0067

NPS Station ID: SAMO0067  
 Location: CHIVO CREEK AT HWY 118 BRIDGE  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070103  
 Major Basin: LOS ANGELES AREA  
 Minor Basin: CALLEGUAS-CONEJO CREEKS  
 RF1 Index: 18070103006  
 RF3 Index: 1807010300610.18  
 Description:  
 SURFACE WATER STATION; DATA MANAGER CODE: 3; AREAL CODE: ; BEGINNING OF RECORD: . ; ELEVATION: 1000 ;  
 STATION NAME: CHIVO CREEK AT HWY 118 BRIDGE ; DWR COUNTY CODE: 56; LATITUDE: 341620; LONGITUDE: 1184158;  
 CALIFORNIA COORDINATES:

LAT/LON: 34.272226/-118.699449

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 10.360  
 RF3 Mile Point: 10.32

Agency: 21CAL-1  
 FIPS State/County: 06111 CALIFORNIA/VENTURA  
 STORET Station ID(s): Z4169010 /4036709  
 Within Park Boundary: No

Date Created: 08/27/76

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 0.00  
 Distance from RF3: 0.01

On/Off RF1: OFF  
 On/Off RF3:

## Parameter Inventory for Station: SAMO0067

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/27/56-01/27/56	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	02/19/62-09/02/62	2	54.5	54.5	57.	52.	12.5	3.536	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	01/27/56-04/02/65	4	3.	13.25	45.	2.	448.25	21.172	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/27/56-04/02/65	4	1464.	1260.5	1976.	138.	630587.667	794.096	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	01/27/56-04/02/65	4	7.55	7.475	8.	6.8	0.263	0.512	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	01/27/56-04/02/65	4	7.525	7.244	8.	6.8	0.334	0.578	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/27/56-04/02/65	4	0.03	0.057	0.158	0.01	0.005	0.069	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	01/27/56-04/02/65	4	161.	144.25	220.	35.	6372.25	79.826	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	01/27/56-04/02/65	4	609.	501.25	745.	42.	97848.25	312.807	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	01/27/56-04/02/65	4	156.5	126.5	178.	15.	5636.333	75.076	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	01/27/56-04/02/65	4	53.	45.	73.	1.	952.	30.854	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS NA)	01/27/56-04/02/65	4	104.5	92.5	148.	13.	3597.667	59.981	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	01/27/56-04/02/65	4	4.95	4.45	5.9	2.	3.47	1.863	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	01/27/56-04/02/65	4	79.5	73.	126.	7.	2754.	52.479	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	01/27/56-04/02/65	4	532.5	437.25	660.	24.	79600.917	282.136	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	02/19/62-04/02/65	3	0.9	0.7	1.	0.2	0.19	0.436	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	02/19/62-09/02/62	2	16.5	16.5	19.	14.	12.5	3.536	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	01/27/56-04/02/65	4	540.	527.5	1000.	30.	280291.667	529.426	**	**	**	**
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/27/56-04/02/65	4	1175.	1018.	1636.	86.	453698.667	673.572	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	01/27/56-04/02/65	4	8.4	6.95	10.	1.	17.61	4.196	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

## EPA Water Quality Criteria Analysis for Station: SAMO0067

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
00403 PH, LAB	Other-Hi Lim.	9.	4	0	0.00	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
	Other-Lo Lim.	6.5	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
						1	0	0.00	2	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### EPA Water Quality Criteria Analysis for Station: SAMO0067

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
00941	CHLORIDE, DISSOLVED IN WATER					Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
	Fresh Acute	860.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
	Drinking Water	250.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)																
	Drinking Water	250.	4	3	0.75	1	1	1.00	2	2	1.00	1	0	0.00			
00950	FLUORIDE, DISSOLVED AS F																
	Drinking Water	4.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)																
	Drinking Water	44.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0068

NPS Station ID: SAMO0068  
 Location: MALIBU CREEK BELOW COLD CREEK  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070104  
 Major Basin: LOS ANGELES AREA  
 Minor Basin: VENTURA LOS ANGELES COASTAL  
 RF1 Index: 18070104012  
 RF3 Index: 18070104001200.18

LAT/LON: 34.077781/-118.700838

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 4.260  
 RF3 Mile Point: 0.75

Agency: 21CAL-1  
 FIPS State/County: 06037 CALIFORNIA/LOS ANGELES  
 STORET Station ID(s): Z5115050 /4042102  
 Within Park Boundary: Yes

Date Created: 08/27/76

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 0.00  
 Distance from RF3: 0.10

On/Off RF1: OFF  
 On/Off RF3:

### Description:

SURFACE WATER STATION; DATA MANAGER CODE: 3; AREAL CODE: ; BEGINNING OF RECORD: . ; ELEVATION: 440 ;  
 STATION NAME: MALIBU CREEK BELOW COLD CREEK ; DWR COUNTY CODE: 19; LATITUDE: 340440; LONGITUDE: 1184203;  
 CALIFORNIA COORDINATES:

## Parameter Inventory for Station: SAMO0068

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/28/74-02/03/75	5	55.	56.4	65.	52.	24.8	4.98	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/28/74-02/03/75	3	1720.	1593.333	2030.	1030.	262033.333	511.892	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	10/28/74-02/03/75	3	7.4	7.867	10.4	5.8	5.453	2.335	**	**	**	**
00310 BOD, 5 DAY, 20 DEG C MG/L	10/28/74-02/03/75	3	8.	8.	9.	7.	1.	1.	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	10/28/74-02/03/75	3	8.4	8.333	8.4	8.2	0.013	0.115	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	10/28/74-02/03/75	3	8.4	8.323	8.4	8.2	0.014	0.116	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/28/74-02/03/75	3	0.004	0.005	0.006	0.004	0.	0.001	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	10/28/74-02/03/75	3	235.	245.667	312.	190.	3806.333	61.695	**	**	**	**
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/28/74-02/03/75	3	56.	101.	245.	2.	16281.	127.597	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/28/74-02/03/75	3	0.	0.023	0.068	0.	0.002	0.039	**	**	**	**
00618 NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/28/74-02/03/75	3	3.4	3.517	5.65	1.5	4.316	2.077	**	**	**	**
00720 CYANIDE, TOTAL (MG/L AS CN) MG/L	10/28/74-12/04/74	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	10/28/74-02/03/75	3	622.	611.	832.	379.	51393.	226.7	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	10/28/74-02/03/75	3	146.	134.533	182.	75.6	2928.853	54.119	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS Mg)	10/28/74-02/03/75	3	62.6	66.967	92.	46.3	536.423	23.161	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	10/28/74-02/03/75	3	144.	135.133	187.	74.4	3228.653	56.821	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	10/28/74-02/03/75	3	7.	6.367	8.6	3.5	6.803	2.608	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	10/28/74-02/03/75	3	110.	104.	134.	68.	1116.	33.407	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	10/28/74-02/03/75	3	527.	492.333	701.	249.	51977.333	227.985	**	**	**	**
01002 ARSENIC, TOTAL (UG/L AS AS)	10/28/74-12/04/74	2	0.	0.	0.	0.	0.	0.	**	**	**	**
01007 BARIUM, TOTAL (UG/L AS Ba)	10/28/74-12/04/74	2	0.	0.	0.	0.	0.	0.	**	**	**	**
01027 CADMIUM, TOTAL (UG/L AS Cd)	10/28/74-10/28/74	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01034 CHROMIUM, TOTAL (UG/L AS Cr)	10/28/74-12/04/74	2	3.5	3.5	7.	0.	24.5	4.95	**	**	**	**
01042 COPPER, TOTAL (UG/L AS Cu)	10/28/74-12/04/74	2	19.	19.	20.	18.	2.	1.414	**	**	**	**
01045 IRON, TOTAL (UG/L AS Fe)	10/28/74-12/04/74	2	490.	490.	900.	80.	336200.	579.828	**	**	**	**
01051 LEAD, TOTAL (UG/L AS Pb)	10/28/74-12/04/74	2	71.	71.	100.	42.	1682.	41.012	**	**	**	**
01055 MANGANESE, TOTAL (UG/L AS Mn)	10/28/74-12/04/74	2	50.	50.	70.	30.	800.	28.284	**	**	**	**
01067 NICKEL, TOTAL (UG/L AS Ni)	10/28/74-12/04/74	2	30.	30.	40.	20.	200.	14.142	**	**	**	**
01077 SILVER, TOTAL (UG/L AS Ag)	10/28/74-12/04/74	2	0.	0.	0.	0.	0.	0.	**	**	**	**
01092 ZINC, TOTAL (UG/L AS Zn)	10/28/74-10/28/74	1	21.	21.	21.	21.	0.	0.	**	**	**	**
01147 SELENIUM, TOTAL (UG/L AS Se)	10/28/74-12/04/74	2	9.5	9.5	13.	6.	24.5	4.95	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: SAMO0068

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	10/28/74-02/03/75	3	0.02	0.02	0.029	0.01	0.01	**	**	**	**
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	02/03/75-02/03/75	1	0.005	0.005	0.005	0.005	0.	**	**	**	**
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	10/28/74-02/03/75	2	0.018	0.018	0.02	0.015	0.	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	10/28/74-02/03/75	2	0.085	0.085	0.159	0.01	0.011	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	02/03/75-02/03/75	1	0.015	0.015	0.015	0.015	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	10/28/74-10/28/74	1	0.01	0.01	0.01	0.01	0.	**	**	**	**
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	12/04/74-02/03/75	2	0.013	0.013	0.015	0.01	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/28/74-02/03/75	3	15.1	15.633	25.	6.8	83.023	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	10/28/74-12/04/74	2	0.1	0.1	0.2	0.	0.02	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0068

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	0	0.00	1	0	0.00	2	0	0.00					
00403	PH, LAB	Other-Hi Lim.	9.	3	0	0.00	1	0	0.00	2	0	0.00					
		Other-Lo Lim.	6.5	3	0	0.00	1	0	0.00	2	0	0.00					
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	3	0	0.00	1	0	0.00	2	0	0.00					
00720	CYANIDE, TOTAL	Fresh Acute	0.022	2	0	0.00	1	0	0.00	1	0	0.00					
		Drinking Water	0.2	2	0	0.00	1	0	0.00	1	0	0.00					
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	3	0	0.00	1	0	0.00	2	0	0.00					
		Drinking Water	250.	3	0	0.00	1	0	0.00	2	0	0.00					
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	3	2	0.67	1	1	1.00	2	1	0.50					
01002	ARSENIC, TOTAL	Fresh Acute	360.	2	0	0.00	1	0	0.00	1	0	0.00					
		Drinking Water	50.	2	0	0.00	1	0	0.00	1	0	0.00					
01007	BARIUM, TOTAL	Drinking Water	2000.	2	0	0.00	1	0	0.00	1	0	0.00					
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	1	1.00	1	1	1.00								
		Drinking Water	5.	1	1	1.00	1	1	1.00								
01034	CHROMIUM, TOTAL	Drinking Water	100.	2	0	0.00	1	0	0.00	1	0	0.00					
01042	COPPER, TOTAL	Fresh Acute	18.	2	2	1.00	1	1	1.00	1	1	1.00					
		Drinking Water	1300.	2	0	0.00	1	0	0.00	1	0	0.00					
01051	LEAD, TOTAL	Fresh Acute	82.	2	1	0.50	1	0	0.00	1	1	1.00					
		Drinking Water	15.	2	2	1.00	1	1	1.00	1	1	1.00					
01067	NICKEL, TOTAL	Fresh Acute	1400.	2	0	0.00	1	0	0.00	1	0	0.00					
		Drinking Water	100.	2	0	0.00	1	0	0.00	1	0	0.00					
01077	SILVER, TOTAL	Fresh Acute	4.1	2	0	0.00	1	0	0.00	1	0	0.00					
		Drinking Water	100.	2	0	0.00	1	0	0.00	1	0	0.00					
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00	1	0	0.00								
		Drinking Water	5000.	1	0	0.00	1	0	0.00								
01147	SELENIUM, TOTAL	Fresh Acute	20.	2	0	0.00	1	0	0.00	1	0	0.00					
		Drinking Water	50.	2	0	0.00	1	0	0.00	1	0	0.00					
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	3	0	0.00	1	0	0.00	2	0	0.00					
		Drinking Water	0.2	3	0	0.00	1	0	0.00	2	0	0.00					
39360	DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	1	0	0.00				1	0	0.00					
39365	DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	2	0	0.00	1	0	0.00	1	0	0.00					
39370	DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	2	0	0.00	1	0	0.00	1	0	0.00					
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	1	0	0.00				1	0	0.00					
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	1	0	0.00	1	0	0.00								
		Drinking Water	0.2	1	0	0.00	1	0	0.00								
39782	LINDANE IN WHOLE WATER SAMPLE	Fresh Acute	2.	2	0	0.00				2	0	0.00					
		Drinking Water	0.2	2	0	0.00				2	0	0.00					
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	3	0	0.00	1	0	0.00	2	0	0.00					
71900	MERCURY, TOTAL	Fresh Acute	2.4	2	0	0.00	1	0	0.00	1	0	0.00					
		Drinking Water	2.	2	0	0.00	1	0	0.00	1	0	0.00					

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0069

NPS Station ID: SAMO0069  
 Location: MALIBU C AT CRATER CAMP NR CALABASAS CALIF  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070104  
 Major Basin:  
 Minor Basin:  
 RF1 Index: 18070104  
 RF3 Index: 18070104022100.00  
 Description:

LAT/LON: 34.077781/-118.700838

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 3.26

Agency: 112WRD  
 FIPS State/County: 06037 CALIFORNIA/LOS ANGELES  
 STORET Station ID(s): 11105500  
 Within Park Boundary: Yes

Date Created: 02/27/82

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 19.00  
 Distance from RF3: 0.03

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: SAMO0069

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/02/82-08/02/88	16	22.	20.219	26.5	12.	28.132	5.304	12.7	14.625	24.375	26.15
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/30/84-06/26/84	2	24.5	24.5	26.5	22.5	8.	2.828	**	**	**	**
00025 BAROMETRIC PRESSURE (MM OF HG)	01/02/82-08/02/88	15	750.	752.533	765.	745.	32.695	5.718	745.	750.	755.	762.
00061 FLOW, STREAM, INSTANTANEOUS CFS	01/02/82-08/02/88	12	12.5	29.733	104.	0.8	1545.799	39.317	1.46	3.25	59.5	103.4
00065 STAGE, STREAM (FEET)	07/13/83-07/13/83	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/02/82-08/02/88	16	1440.	1441.563	2000.	440.	187112.396	432.565	790.	1152.5	1837.5	1930.
00300 OXYGEN, DISSOLVED MG/L	01/02/82-08/02/88	15	9.	8.887	11.2	7.2	1.474	1.214	7.2	7.7	9.7	10.84
00301 OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/02/82-03/01/83	4	105.	102.	110.	88.	95.333	9.764	**	**	**	**
00400 PH (STANDARD UNITS)	01/02/82-08/02/88	14	7.62	7.68	8.6	7.08	0.182	0.426	7.09	7.375	7.925	8.45
00400 CONVERTED PH (STANDARD UNITS)	01/02/82-08/02/88	14	7.62	7.52	8.6	7.08	0.209	0.458	7.09	7.375	7.925	8.45
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/02/82-08/02/88	14	0.024	0.03	0.083	0.003	0.001	0.025	0.004	0.012	0.042	0.081
00403 PH, LAB, STANDARD UNITS SU	01/02/82-08/02/88	15	7.9	7.867	8.4	7.3	0.115	0.339	7.36	7.6	8.1	8.34
00403 CONVERTED PH, LAB, STANDARD UNITS	01/02/82-08/02/88	15	7.9	7.747	8.4	7.3	0.131	0.361	7.36	7.6	8.1	8.34
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/02/82-08/02/88	15	0.013	0.018	0.05	0.004	0.	0.014	0.005	0.008	0.025	0.044
00405 CARBON DIOXIDE (MG/L AS CO2)	01/02/82-03/01/83	3	3.3	3.1	3.3	2.7	0.12	0.346	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	03/18/82-08/02/88	13	166.	181.615	303.	86.	4881.256	69.866	87.2	136.	236.	297.8
00631 NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/02/82-08/02/88	14	3.45	5.436	12.	0.5	17.242	4.152	0.75	1.9	9.4	12.
00660 PHOSPHATE, ORTHO (MG/L AS PO4)	01/02/82-03/01/83	4	1.55	2.98	8.3	0.52	12.856	3.586	**	**	**	**
00671 PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/02/82-08/02/88	15	0.97	1.879	5.6	0.17	3.065	1.751	0.326	0.7	2.7	5.24
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	01/02/82-02/01/86	5	420.	498.	840.	170.	72620.	269.481	**	**	**	**
00902 HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	01/02/82-02/01/86	5	250.	303.	560.	85.	36320.	190.578	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	01/02/82-08/02/88	15	95.	109.6	180.	31.	2131.4	46.167	37.6	76.	150.	174.6
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	01/02/82-08/02/88	15	75.	63.867	100.	16.	657.695	25.646	29.2	43.	84.	98.2
00930 SODIUM, DISSOLVED (MG/L AS Na)	01/02/82-08/02/88	15	120.	118.467	150.	27.	1124.695	33.536	56.4	120.	150.	150.
00931 SODIUM ADSORPTION RATIO	01/02/82-02/01/86	5	2.	1.98	3.	0.9	0.552	0.743	**	**	**	**
00932 SODIUM, PERCENT	01/02/82-02/01/86	5	30.	29.2	32.	25.	7.7	2.775	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	01/02/82-08/02/88	15	6.	6.307	10.	3.1	6.311	2.512	3.58	4.	8.9	10.
00940 CHLORIDE, TOTAL IN WATER MG/L	01/02/82-08/02/88	15	100.	100.4	140.	17.	1108.4	33.293	43.4	95.	130.	140.
00945 SULFATE, TOTAL (MG/L AS SO4)	01/02/82-08/02/88	15	370.	439.333	720.	100.	31278.095	176.856	208.	320.	570.	702.
00950 FLUORIDE, DISSOLVED (MG/L AS F)	01/02/82-08/02/88	15	0.3	0.36	0.8	0.2	0.018	0.135	0.26	0.3	0.4	0.56
00955 SILICA, DISSOLVED (MG/L AS SiO2)	01/02/82-08/02/88	15	23.	24.8	47.	13.	61.171	7.821	16.	21.	30.	37.4
01002 ARSENIC, TOTAL (UG/L AS AS)	07/28/82-08/02/88	12	2.	2.333	4.	1.	1.152	1.073	1.	1.25	3.	4.
01003 ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	12/01/81-03/01/83	3	4.	3.667	4.	3.	0.333	0.577	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	01/02/82-08/02/88	15	500.	470.667	810.	100.	36963.81	192.26	166.	340.	610.	762.
01027 CADMIUM, TOTAL (UG/L AS CD)	01/02/82-08/02/88	14 ##	5.	8.929	30.	5.	50.687	7.119	5.	5.	11.25	22.5
01028 CADMIUM, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	12/01/81-03/01/83	3	1.	1.333	2.	1.	0.333	0.577	**	**	**	**
01034 CHROMIUM, TOTAL (UG/L AS CR)	07/28/82-08/02/88	13	10.	21.692	180.	2.	2282.231	47.773	3.2	5.	10.	116.
01042 COPPER, TOTAL (UG/L AS CU)	07/28/82-08/02/88	13	10.	24.231	160.	5.	1691.026	41.122	7.	10.	20.	104.

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

# Parameter Inventory for Station: SAMO0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	12/01/81-03/01/83	3	10.	9.333	10.	8.	1.333	1.155	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	01/02/82-01/02/82	1	60.	60.	60.	60.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	01/02/82-08/02/88	15	15.	40.067	290.	1.5	6079.46	77.971	1.5	8.	20.	206.
01051	LEAD, TOTAL (UG/L AS PB)	01/02/82-08/02/88	14 ##	50.	64.286	200.	50.	1703.297	41.271	50.	50.	50.	150.
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	12/01/81-03/01/83	3	10.	10.	10.	10.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	03/01/83-03/01/83	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	07/28/82-07/28/82	1	200.	200.	200.	200.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/07/82-03/01/83	2	30.	30.	30.	30.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	01/02/82-08/02/88	14	20.	58.929	490.	5.	15842.995	125.869	5.	8.75	37.5	285.
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	12/01/81-03/01/83	3	23.	22.	24.	19.	7.	2.646	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	07/28/82-08/02/88	12	2.	2.208	6.	0.5	2.475	1.573	0.5	0.625	3.	5.1
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	12/01/81-03/01/83	3	1.	1.5	3.	0.5	1.75	1.323	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	12/01/81-12/01/81	1	8500.	8500.	8500.	8500.	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/02/88-08/02/88	1	500.	500.	500.	500.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/02/88-08/02/88	1	2.699	2.699	2.699	2.699	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			500.								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	01/02/82-09/17/87	12	253.5	734.167	6400.	45.	3199917.242	1788.831	49.5	117.5	360.	4621.
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	01/02/82-09/17/87	12	2.403	2.377	3.806	1.653	0.298	0.546	1.691	2.068	2.551	3.466
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			238.384								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	01/02/82-08/02/88	13	610.	2157.923	12000.	150.	12613195.077	3551.506	202.	319.	2100.	10160.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	01/02/82-08/02/88	13	2.785	2.942	4.079	2.176	0.316	0.562	2.285	2.502	3.278	3.995
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			874.057								
39024	PROPAGINE,COULSON CONDUCTIVITY, WATER SAMPL(UG/L)	01/02/82-08/02/88	11 ##	0.05	0.041	0.05	0.	0.	0.02	0.	0.05	0.05	0.05
39030	TREFLAN, MICROCOULOMETRIC, WATER SAMPLE (UG/L)	08/02/88-08/02/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39054	SIMETRYNE IN WHOLE WATER (UG/L)	01/02/82-08/02/88	11 ##	0.05	0.041	0.05	0.	0.	0.02	0.	0.05	0.05	0.05
39055	SIMAZINE IN WHOLE WATER (UG/L)	01/02/82-08/02/88	11	0.2	0.432	2.	0.05	0.338	0.581	0.06	0.1	0.4	1.8
39056	PROMETONE IN WHOLE WATER (UG/L)	01/02/82-08/02/88	11 ##	0.05	0.041	0.05	0.	0.	0.02	0.	0.05	0.05	0.05
39057	PROMETRYNE IN WHOLE WATER (UG/L)	01/02/82-08/02/88	11 ##	0.05	0.041	0.05	0.	0.	0.02	0.	0.05	0.05	0.05
39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	07/13/83-08/02/88	8 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/13/83-08/02/88	8 ##	0.05	0.087	0.3	0.05	0.008	0.088	**	**	**	**
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	07/13/83-08/02/88	8 ##	0.075	0.163	0.4	0.05	0.021	0.146	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	07/13/83-08/02/88	8 ##	0.5	1.	4.	0.5	1.5	1.225	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/13/83-08/02/88	7 ##	0.05	0.079	0.2	0.05	0.003	0.057	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/13/83-08/02/88	8	0.25	0.306	0.6	0.05	0.042	0.204	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/13/83-08/02/88	8 ##	0.075	0.2	0.7	0.05	0.056	0.236	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	07/13/83-08/02/88	8 ##	0.075	0.1	0.2	0.05	0.004	0.065	**	**	**	**
39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	07/13/83-08/02/88	8 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/13/83-08/02/88	8 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	03/01/83-08/02/88	8 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	07/13/83-08/02/88	8 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	07/13/83-08/02/88	8 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	07/13/83-08/02/88	8 ##	0.05	0.056	0.1	0.05	0.	0.018	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	07/13/83-09/17/87	7 ##	0.05	0.114	0.5	0.05	0.029	0.17	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	07/13/83-08/02/88	8 ##	0.5	0.813	3.	0.5	0.781	0.884	**	**	**	**
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	03/01/83-08/02/88	7 ##	0.005	0.006	0.01	0.005	0.	0.002	**	**	**	**
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	03/01/83-08/02/88	7 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	03/01/83-08/02/88	7 ##	0.005	0.019	0.1	0.005	0.001	0.036	**	**	**	**
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	03/01/83-08/02/88	7 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	01/02/82-08/02/88	11	0.1	0.377	2.3	0.05	0.435	0.659	0.06	0.1	0.4	1.96
39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	07/13/83-08/02/88	8 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	03/01/83-08/02/88	8 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	03/01/83-08/02/88	8 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/02/82-08/02/88	15	922.	1042.067	1540.	298.	132026.21	363.354	518.8	796.	1340.	1540.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	01/02/82-02/01/86	5	740.	876.8	1400.	280.	218251.2	467.174	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	01/02/82-01/02/82	1	67.	67.	67.	67.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/02/82-03/01/83	4	1.4	1.328	2.1	0.41	0.59	0.768	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	07/28/82-08/02/88	11 ##	0.05	0.109	0.3	0.05	0.007	0.086	0.05	0.05	0.2	0.28
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	12/01/81-03/01/83	3	0.02	0.02	0.03	0.01	0.	0.01	**	**	**	**
77825	ALACHLOR WHOLE WATER,UG/L	08/02/88-08/02/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	02/01/86-03/06/87	2	67.5	67.5	114.	21.	4324.5	65.761	**	**	**	**
81757	CYANAZINE IN THE WHOLE WATER SAMPLE UG/L	01/02/82-08/02/88	11 ##	0.05	0.041	0.05	0.	0.	0.02	0.	0.05	0.05	0.05
81886	PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	07/13/83-08/02/88	8 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82184	AMETRYNE (GESAPAX OR EVIK) TOTAL UG/L	01/02/82-08/02/88	11 ##	0.05	0.041	0.05	0.	0.	0.02	0.	0.05	0.05	0.05

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot



### Parameter Inventory for Station: SAMO0069

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82185 ATRATON (GESTAMIN) TOTAL UG/L	01/02/82-05/30/84	6 ##	0.05	0.033	0.05	0.	0.001	0.026	**	**	**	**
82187 CYPRAZINE TOTAL UG/L	01/02/82-05/30/84	6 ##	0.05	0.033	0.05	0.	0.001	0.026	**	**	**	**
82188 SIMETONE TOTAL UG/L	01/02/82-05/30/84	6 ##	0.05	0.033	0.05	0.	0.001	0.026	**	**	**	**
82611 METRIBUZIN, WHOLE WATER, TOTAL RECOVERABLE UG/L	08/02/88-08/02/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
82612 METOLACHLOR, WHOLE WATER, TOTAL RECOVERABLE UG/L	08/02/88-08/02/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0069

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	15	0	0.00	9	0	0.00	2	0	0.00	4	0	0.00			
00400 PH	Other-Hi Lim.	9.	14	0	0.00	8	0	0.00	2	0	0.00	4	0	0.00			
	Other-Lo Lim.	6.5	14	0	0.00	8	0	0.00	2	0	0.00	4	0	0.00			
00403 PH, LAB	Other-Hi Lim.	9.	15	0	0.00	9	0	0.00	2	0	0.00	4	0	0.00			
	Other-Lo Lim.	6.5	15	0	0.00	9	0	0.00	2	0	0.00	4	0	0.00			
00631 NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	14	3	0.21	8	2	0.25	2	0	0.00	4	1	0.25			
00940 CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	15	0	0.00	9	0	0.00	2	0	0.00	4	0	0.00			
	Drinking Water	250.	15	0	0.00	9	0	0.00	2	0	0.00	4	0	0.00			
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	15	14	0.93	9	9	1.00	2	2	1.00	4	3	0.75			
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	15	0	0.00	9	0	0.00	2	0	0.00	4	0	0.00			
01002 ARSENIC, TOTAL	Fresh Acute	360.	12	0	0.00	9	0	0.00	1	0	0.00	2	0	0.00			
	Drinking Water	50.	12	0	0.00	9	0	0.00	1	0	0.00	2	0	0.00			
01027 CADMIUM, TOTAL	Fresh Acute	3.9	3 &	3	1.00	1	1	1.00				2	2	1.00			
	Drinking Water	5.	3 &	3	1.00	1	1	1.00				2	2	1.00			
01034 CHROMIUM, TOTAL	Drinking Water	100.	13	1	0.08	9	0	0.00	1	0	0.00	3	1	0.33			
01042 COPPER, TOTAL	Fresh Acute	18.	13	5	0.38	9	3	0.33	1	0	0.00	3	2	0.67			
	Drinking Water	1300.	13	0	0.00	9	0	0.00	1	0	0.00	3	0	0.00			
01051 LEAD, TOTAL	Fresh Acute	82.	14	2	0.14	9	1	0.11	2	0	0.00	3	1	0.33			
	Drinking Water	15.	2 &	2	1.00	1	1	1.00				1	1	1.00			
01065 NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
	Drinking Water	100.	1	0	0.00							1	0	0.00			
01067 NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
	Drinking Water	100.	1	1	1.00	1	1	1.00									
01092 ZINC, TOTAL	Fresh Acute	120.	14	1	0.07	9	0	0.00	2	0	0.00	3	1	0.33			
	Drinking Water	5000.	14	0	0.00	9	0	0.00	2	0	0.00	3	0	0.00			
01147 SELENIUM, TOTAL	Fresh Acute	20.	12	0	0.00	9	0	0.00	1	0	0.00	2	0	0.00			
	Drinking Water	50.	12	0	0.00	9	0	0.00	1	0	0.00	2	0	0.00			
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	1	1.00	1	1	1.00									
31625 FECAL COLIFORM, MF	Other-Hi Lim.	200.	12	7	0.58	7	3	0.43	2	1	0.50	3	3	1.00			
39055 SIMAZINE IN WHOLE WATER	Drinking Water	4.	11	0	0.00	6	0	0.00	2	0	0.00	3	0	0.00			
39540 PARATHION IN WHOLE WATER SAMPLE	Fresh Acute	0.065	7	0	0.00	4	0	0.00	1	0	0.00	2	0	0.00			
39630 ATRAZINE(AATREX) IN WHOLE WATER SAMPLE	Drinking Water	3.	11	0	0.00	6	0	0.00	2	0	0.00	3	0	0.00			
71900 MERCURY, TOTAL	Fresh Acute	2.4	11	0	0.00	8	0	0.00				3	0	0.00			
	Drinking Water	2.	11	0	0.00	8	0	0.00				3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### Seasonal Analysis for Season #1: 6/01 to 10/31 - Station SAMO0069

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	9	24.	24.	26.5	21.	4.188	2.046	21.	22.	26.	26.5
00025	BAROMETRIC PRESSURE (MM OF HG)	9	750.	751.444	755.	748.	7.528	2.744	748.	750.	755.	755.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	9	1620.	1567.222	2000.	1120.	111131.944	333.365	1120.	1255.	1875.	2000.
00300	OXYGEN, DISSOLVED MG/L	9	8.5	8.444	9.7	7.2	0.805	0.897	7.2	7.55	9.25	9.7
00403	PH, LAB, STANDARD UNITS SU	9	7.9	7.811	8.4	7.3	0.141	0.376	7.3	7.45	8.1	8.4
00403	CONVERTED PH, LAB, STANDARD UNITS	9	7.9	7.677	8.4	7.3	0.161	0.401	7.3	7.45	8.1	8.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	9	0.013	0.021	0.05	0.004	0.	0.016	0.004	0.008	0.036	0.05
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	9	2.5	2.711	5.6	0.77	3.342	1.828	0.77	0.965	4.6	5.6
00915	CALCIUM, DISSOLVED (MG/L AS CA)	9	130.	123.667	180.	76.	1475.75	38.415	76.	88.	155.	180.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	9	75.	65.667	97.	38.	549.5	23.441	38.	42.5	86.5	97.
00930	SODIUM, DISSOLVED (MG/L AS NA)	9	130.	132.222	150.	120.	194.444	13.944	120.	120.	150.	150.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	9	6.5	7.311	10.	4.2	5.456	2.336	4.2	5.25	9.8	10.
00940	CHLORIDE, TOTAL IN WATER MG/L	9	100.	111.778	140.	95.	327.194	18.089	95.	95.5	130.	140.
00945	SULFATE, TOTAL (MG/L AS SO4)	9	530.	478.889	720.	290.	24361.111	156.08	290.	335.	600.	720.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	9	0.4	0.4	0.8	0.3	0.025	0.158	0.3	0.3	0.4	0.8
00955	SILICA, DISSOLVED (MG/L AS SI02)	9	24.	24.556	31.	13.	32.778	5.725	13.	21.5	30.	31.
01002	ARSENIC, TOTAL (UG/L AS AS)	9	3.	2.556	4.	1.	1.278	1.13	1.	1.5	3.5	4.
01020	BORON, DISSOLVED (UG/L AS B)	9	520.	578.889	810.	430.	15661.111	125.144	430.	490.	675.	810.
01027	CADMIUM, TOTAL (UG/L AS CD)	9##	5.	6.667	15.	5.	12.5	3.536	5.	5.	7.5	15.
01034	CHROMIUM, TOTAL (UG/L AS CR)	9	10.	7.444	10.	2.	10.028	3.167	2.	5.	10.	10.
01042	COPPER, TOTAL (UG/L AS CU)	9	10.	12.778	20.	5.	31.944	5.652	5.	10.	20.	20.
01046	IRON, DISSOLVED (UG/L AS FE)	9	15.	27.	150.	1.5	2171.688	46.601	1.5	4.75	18.5	150.
01051	LEAD, TOTAL (UG/L AS PB)	9##	50.	55.556	100.	50.	277.778	16.667	50.	50.	50.	100.
01092	ZINC, TOTAL (UG/L AS ZN)	9	20.	18.889	30.	5.	104.861	10.24	5.	7.5	30.	30.
01147	SELENIUM, TOTAL (UG/L AS SE)	9	2.	2.056	6.	0.5	3.215	1.793	0.5	0.5	3.	6.
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	9	1280.	1142.222	1540.	796.	86674.694	294.406	796.	852.	1400.	1540.

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #2: 11/01 to 2/29 - Station SAMO0069

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	3	14.5	13.833	15.	12.	2.583	1.607	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	2	752.5	752.5	760.	745.	112.5	10.607	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	3	1800.	1566.667	1890.	1010.	234433.333	484.183	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	2	10.3	10.3	11.2	9.4	1.62	1.273	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	2	8.05	8.05	8.3	7.8	0.125	0.354	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	2	7.982	7.982	8.3	7.8	0.134	0.367	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	2	0.01	0.01	0.016	0.005	0.	0.008	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	2	0.435	0.435	0.7	0.17	0.14	0.375	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	2	121.5	121.5	171.	72.	4900.5	70.004	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	2	71.5	71.5	100.	43.	1624.5	40.305	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	2	113.	113.	150.	76.	2738.	52.326	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	2	3.9	3.9	3.9	3.9	0.	0.	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	2	101.	101.	140.	62.	3042.	55.154	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	2	485.	485.	690.	280.	84050.	289.914	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	2	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	2	21.	21.	23.	19.	8.	2.828	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	2	290.	290.	370.	210.	12800.	113.137	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	2##	10.	10.	15.	5.	50.	7.071	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	2##	11.5	11.5	18.	5.	84.5	9.192	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	2##	50.	50.	50.	50.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	2	40.	40.	60.	20.	800.	28.284	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	1	3.	3.	3.	3.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #2: 11/01 to 2/29 - Station SAMO0069

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/02/82-08/02/88	2	1103.	1103.	1540.	666.	381938.	618.011	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #3: 3/01 to 5/31 - Station SAMO0069

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/02/82-08/02/88	4	14.5	16.5	24.	13.	25.667	5.066	**	**	**	**
00025 BAROMETRIC PRESSURE (MM OF HG)	01/02/82-08/02/88	4	755.	755.	765.	745.	83.333	9.129	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/02/82-08/02/88	4	1165.	1065.	1490.	440.	230833.333	480.451	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	01/02/82-08/02/88	4	9.45	9.175	10.6	7.2	2.163	1.471	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	01/02/82-08/02/88	4	7.85	7.9	8.3	7.6	0.087	0.294	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	01/02/82-08/02/88	4	7.847	7.834	8.3	7.6	0.092	0.304	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/02/82-08/02/88	4	0.014	0.015	0.025	0.005	0.	0.008	**	**	**	**
00671 PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/02/82-08/02/88	4	0.64	0.728	1.2	0.43	0.111	0.334	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS CA)	01/02/82-08/02/88	4	68.5	72.	120.	31.	1804.667	42.481	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	01/02/82-08/02/88	4	62.	56.	84.	16.	931.333	30.518	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS NA)	01/02/82-08/02/88	4	102.	90.25	130.	27.	2168.25	46.564	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	01/02/82-08/02/88	4	4.5	5.25	8.9	3.1	6.523	2.554	**	**	**	**
00940 CHLORIDE,TOTAL IN WATER MG/L	01/02/82-08/02/88	4	85.5	74.5	110.	17.	2003.	44.755	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	01/02/82-08/02/88	4	345.	327.5	520.	100.	30225.	173.853	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	01/02/82-08/02/88	4	0.3	0.3	0.4	0.2	0.007	0.082	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SI02)	01/02/82-08/02/88	4	22.	27.25	47.	18.	177.583	13.326	**	**	**	**
01002 ARSENIC, TOTAL (UG/L AS AS)	07/28/82-08/02/88	2	1.5	1.5	2.	1.	0.5	0.707	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	01/02/82-08/02/88	4	300.	317.5	570.	100.	38291.667	195.683	**	**	**	**
01027 CADMIUM, TOTAL (UG/L AS CD)	01/02/82-08/02/88	3	10.	15.	30.	5.	175.	13.229	**	**	**	**
01034 CHROMIUM, TOTAL (UG/L AS CR)	07/28/82-08/02/88	3	20.	68.333	180.	5.	9408.333	96.997	**	**	**	**
01042 COPPER, TOTAL (UG/L AS CU)	07/28/82-08/02/88	3	20.	63.333	160.	10.	7033.333	83.865	**	**	**	**
01046 IRON, DISSOLVED (UG/L AS FE)	01/02/82-08/02/88	4	18.5	83.75	290.	8.	18950.917	137.662	**	**	**	**
01051 LEAD, TOTAL (UG/L AS PB)	01/02/82-08/02/88	3 ##	50.	100.	200.	50.	7500.	86.603	**	**	**	**
01092 ZINC, TOTAL (UG/L AS ZN)	01/02/82-08/02/88	3	80.	191.667	490.	5.	68158.333	261.072	**	**	**	**
01147 SELENIUM, TOTAL (UG/L AS SE)	07/28/82-08/02/88	2	2.5	2.5	3.	2.	0.5	0.707	**	**	**	**
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/02/82-08/02/88	4	833.5	786.25	1180.	298.	137852.25	371.285	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

Station Inventory for Station: SAMO0070

NPS Station ID: SAMO0070

Location: MALIBU CREEK DNS COLD CREEK

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 18070104

Major Basin: SANTA MONICA BAY

Minor Basin: MALIBU BEACH QUADRANGLE

RF1 Index: 18070104012

RF3 Index: 18070104001300.33

Description:

LAT/LON: 34.077781/-118.700838

Depth of Water: 999

Elevation: 0

RF1 Mile Point: 4.260

RF3 Mile Point: 0.93

Agency: 21CALAFD

FIPS State/County: 06037 CALIFORNIA/LOS ANGELES

STORET Station ID(s): MALCOL /Z5115050 /TG 107F6D1 1

Within Park Boundary: Yes

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.00

Distance from RF3: 0.04

Date Created: 06/11/76

On/Off RF1: OFF

On/Off RF3:

Parameter Inventory for Station: SAMO0070

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061 FLOW, STREAM, INSTANTANEOUS CFS	01/04/74-03/04/78	18	654.5	1763.833	15310.	109.	12533163.559	3540.221	118.9	209.	1746.75	5341.6
00064 DEPTH OF STREAM, MEAN (FT)	01/04/74-03/04/78	19	4.6	5.253	15.1	2.9	8.942	2.99	2.9	3.3	6.5	9.4
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/74-03/04/78	19	561.	601.526	1000.	110.	67814.152	260.412	120.	452.	822.	969.
00403 PH, LAB, STANDARD UNITS SU	12/28/77-02/13/78	7	7.2	7.143	7.4	6.8	0.04	0.199	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	12/28/77-02/13/78	7	7.2	7.102	7.4	6.8	0.042	0.204	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/28/77-02/13/78	7	0.063	0.079	0.158	0.04	0.002	0.04	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: SAMO0070

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
00403 PH, LAB	Other-Hi Lim.	9.	7	0	0.00	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
	Other-Lo Lim.	6.5	7	0	0.00				7	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0071

NPS Station ID: SAMO0071  
 Location: MALIBU CR/CROSSING ROAD FORD TO CRAG CAMP  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070104  
 Major Basin: CALIFORNIA  
 Minor Basin: LOS ANGELES RIVER  
 RF1 Index: 18070104  
 RF3 Index: 18070105000402.83  
 Description:

LAT/LON: 34.084726/-118.711670

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 3.45

Agency: 21CAL-4  
 FIPS State/County: 06037 CALIFORNIA/LOS ANGELES  
 STORET Station ID(s): WB0440505184242  
 Within Park Boundary: Yes

Date Created: 05/02/87

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 1.70  
 Distance from RF3: 0.21

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: SAMO0071

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32101 BROMODICHLOROMETHANE,WHOLE WATER,UG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
32102 CARBON TETRACHLORIDE,WHOLE WATER,UG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
32104 BROMOFORM,WHOLE WATER,UG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
32105 DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
32106 CHLOROFORM,WHOLE WATER,UG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34010 TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34030 BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34301 CHLOROBENZENE TOTWUG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34311 CHLOROETHANE TOTWUG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34371 ETHYLBENZENE TOTWUG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34413 METHYL BROMIDE TOTWUG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34418 METHYL CHLORIDE TOTWUG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34423 METHYLENE CHLORIDE TOTWUG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34475 TETRACHLOROETHYLENE TOTWUG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34488 TRICHLOROFLUOROMETHANE TOTWUG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34496 1,1-DICHLOROETHANE TOTWUG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34501 1,1-DICHLOROETHYLENE TOTWUG/L	12/23/86-12/23/86	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34506 1,1,1-TRICHLOROETHANE TOTWUG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34511 1,1,2-TRICHLOROETHANE TOTWUG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34516 1,1,2,2-TETRACHLOROETHANE TOTWUG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34531 1,2-DICHLOROETHANE TOTWUG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34536 1,2-DICHLOROBENZENE TOTWUG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34541 1,2-DICHLOROPROPANE TOTWUG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34546 TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34566 1,3-DICHLOROBENZENE TOTWUG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34571 1,4-DICHLOROBENZENE TOTWUG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34576 2-CHLOROETHYL VINYL ETHER TOTWUG/L	12/23/86-12/23/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34668 DICHLORODIFLUOROMETHANE TOTWUG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34699 TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34704 CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39175 VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39180 TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
77093 CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
77128 STYRENE WHOLE WATER,UG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
77134 1,3-DIMETHYLBENZENE(M-XYLENE) WHOLE WATER,UG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
77135 O-XYLENE WHOLE WATER,UG/L	12/23/86-12/23/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
81595 METHYL ETHYL KETONE WHL WATER SMPL UG/L	12/23/86-12/23/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
81596 METHYL-ISOBUTYL KETONE WHL WATER SMPL UG/L	12/23/86-12/23/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0071

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
32101 BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00				1	0	0.00						
32102 CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	1	0	0.00				1	0	0.00						
	Drinking Water	5.	1	0	0.00				1	0	0.00						
32104 BROMOFORM, WHOLE WATER	Drinking Water	100.	1	0	0.00				1	0	0.00						
32105 DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00				1	0	0.00						
32106 CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	1	0	0.00				1	0	0.00						
	Drinking Water	100.	1	0	0.00				1	0	0.00						
34010 TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	1	0	0.00				1	0	0.00						
	Drinking Water	1000.	1	0	0.00				1	0	0.00						
34301 CHLOROBENZENE, TOTAL	Drinking Water	100.	1	0	0.00				1	0	0.00						
34371 ETHYLBENZENE, TOTAL	Fresh Acute	32000.	1	0	0.00				1	0	0.00						
	Drinking Water	700.	1	0	0.00				1	0	0.00						
34423 METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	1	0	0.00				1	0	0.00						
34475 TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	1	0	0.00				1	0	0.00						
	Drinking Water	5.	1	0	0.00				1	0	0.00						
34501 1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	1	0	0.00				1	0	0.00						
34506 1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	1	0	0.00				1	0	0.00						
34511 1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	1	0	0.00				1	0	0.00						
34531 1,2-DICHLOROETHANE, TOTAL	Fresh Acute	118000.	1	0	0.00				1	0	0.00						
	Drinking Water	5.	1	0	0.00				1	0	0.00						
34536 1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00				1	0	0.00						
34541 1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	1	0	0.00				1	0	0.00						
34546 TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	1	0	0.00				1	0	0.00						
34566 1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00				1	0	0.00						
34571 1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	1	0	0.00				1	0	0.00						
39175 VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	1	0	0.00				1	0	0.00						
39180 TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	1	0	0.00				1	0	0.00						
	Drinking Water	5.	1	0	0.00				1	0	0.00						
77093 CIS-1,2-DICHLOROETHYLENE, WHOLE WATER	Drinking Water	70.	1	0	0.00				1	0	0.00						
77128 STYRENE, WHOLE WATER	Drinking Water	100.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: SAMO0072

NPS Station ID: SAMO0072  
Location: LAS VIRGENES CREEK @ MULHOLLAND  
Station Type: /TYPA/AMBNT/STREAM  
RMI-Indexes:  
RMI-Miles:  
HUC: 18070104  
Major Basin: SANTA MONICA BAY  
Minor Basin: MALIBU BEACH QUADRANGLE  
RF1 Index: 18070104013  
RF3 Index: 18070104001205.27  
Description:

LAT/LON: 34.103615/-118.711949  
  
  
  
  
Depth of Water: 999  
Elevation: 0  
  
RF1 Mile Point: 0.830  
RF3 Mile Point: 5.69

Agency: 21CALAFD  
FIPS State/County: 06037 CALIFORNIA/LOS ANGELES  
STORET Station ID(s): LVIMUL /TG 107E3D3 1  
Within Park Boundary: Yes  
  
Aquifer:  
Water Body Id:  
ECO Region:  
Distance from RF1: 0.00  
Distance from RF3: 0.00

Date Created: 06/11/76  
  
  
  
  
  
  
On/Off RF1: OFF  
On/Off RF3:

Parameter Inventory for Station: SAMO0072

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
***** No Parameter Data Available for this Station *****												

## Station Inventory for Station: SAMO0073

NPS Station ID: SAMO0073  
 Location: LAS VIRGENES C A MULHOLLAND RD NR BROWN RCH CA  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC:  
 Major Basin:  
 Minor Basin:  
 RF1 Index:  
 RF3 Index: 18070104011100.00  
 Description:

LAT/LON: 34.103615/-118.711949

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 0.11

Agency: 112WRD  
 FIPS State/County: 06037 CALIFORNIA/LOS ANGELES  
 STORET Station ID(s): 340613118424301  
 Within Park Boundary: Yes

Date Created: 03/10/90

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 1.60  
 Distance from RF3: 0.03

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: SAMO0073

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/04/88-08/04/88	1	20.	20.	20.	20.	0.	0.	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	08/04/88-08/04/88	1	750.	750.	750.	750.	0.	0.	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/04/88-08/04/88	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/04/88-08/04/88	1	3910.	3910.	3910.	3910.	0.	0.	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/04/88-08/04/88	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**
00400	PH (STANDARD UNITS)	08/04/88-08/04/88	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/04/88-08/04/88	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/88-08/04/88	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/04/88-08/04/88	1	8.	8.	8.	8.	0.	0.	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/04/88-08/04/88	1	8.	8.	8.	8.	0.	0.	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/88-08/04/88	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/04/88-08/04/88	1	431.	431.	431.	431.	0.	0.	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	08/04/88-08/04/88	1	370.	370.	370.	370.	0.	0.	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/04/88-08/04/88	1	200.	200.	200.	200.	0.	0.	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/04/88-08/04/88	1	330.	330.	330.	330.	0.	0.	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/04/88-08/04/88	1	9.1	9.1	9.1	9.1	0.	0.	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	08/04/88-08/04/88	1	180.	180.	180.	180.	0.	0.	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/04/88-08/04/88	1	1900.	1900.	1900.	1900.	0.	0.	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/04/88-08/04/88	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	08/04/88-08/04/88	1	36.	36.	36.	36.	0.	0.	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	08/04/88-08/04/88	1	2.	2.	2.	2.	0.	0.	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/04/88-08/04/88	1	830.	830.	830.	830.	0.	0.	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	08/04/88-08/04/88	1 ##	5.	5.	5.	5.	0.	0.	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/04/88-08/04/88	1	2.	2.	2.	2.	0.	0.	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/04/88-08/04/88	1	10.	10.	10.	10.	0.	0.	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/04/88-08/04/88	1	40.	40.	40.	40.	0.	0.	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	08/04/88-08/04/88	1 ##	50.	50.	50.	50.	0.	0.	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/04/88-08/04/88	1	20.	20.	20.	20.	0.	0.	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/04/88-08/04/88	1	3520.	3520.	3520.	3520.	0.	0.	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	08/04/88-08/04/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot



### EPA Water Quality Criteria Analysis for Station: SAMO0073

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED																
	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00400	PH																
	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
	Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00403	PH, LAB																
	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
	Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00940	CHLORIDE, TOTAL IN WATER																
	Fresh Acute	860.	1	0	0.00	1	0	0.00									
	Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)																
	Drinking Water	250.	1	1	1.00	1	1	1.00									
00950	FLUORIDE, DISSOLVED AS F																
	Drinking Water	4.	1	0	0.00	1	0	0.00									
01002	ARSENIC, TOTAL																
	Fresh Acute	360.	1	0	0.00	1	0	0.00									
	Drinking Water	50.	1	0	0.00	1	0	0.00									
01027	CADMIUM, TOTAL																
	Fresh Acute	3.9	0 &	0	0.00												
	Drinking Water	5.	0 &	0	0.00												
01034	CHROMIUM, TOTAL																
	Drinking Water	100.	1	0	0.00	1	0	0.00									
01042	COPPER, TOTAL																
	Fresh Acute	18.	1	0	0.00	1	0	0.00									
	Drinking Water	1300.	1	0	0.00	1	0	0.00									
01051	LEAD, TOTAL																
	Fresh Acute	82.	1	0	0.00	1	0	0.00									
	Drinking Water	15.	0 &	0	0.00												
01092	ZINC, TOTAL																
	Fresh Acute	120.	1	0	0.00	1	0	0.00									
	Drinking Water	5000.	1	0	0.00	1	0	0.00									
71900	MERCURY, TOTAL																
	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
	Drinking Water	2.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: SAMO0074

NPS Station ID: SAMO0074

Location: W F OF TAPO C BL SULFUR SPRING

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 18070103

Major Basin: LOS ANGELES AREA

Minor Basin: CALLEGUAS-CONEJO CREEKS

RF1 Index: 18070103

RF3 Index: 18070103026400.00

Description:

SURFACE WATER STATION; DATA MANAGER CODE: 3; AREAL CODE: ; BEGINNING OF RECORD: . ; ELEVATION: 1405 ;

STATION NAME: W F OF TAPO C BL SULFUR SPRING ; DWR COUNTY CODE: 56; LATITUDE: 341941; LONGITUDE: 1184307;

CALIFORNIA COORDINATES:

LAT/LON: 34.328059/-118.718616

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 4.02

Agency: 21CAL-1

FIPS State/County: 06111 CALIFORNIA/VENTURA

STORET Station ID(s): Z4166770 /4036707

Within Park Boundary: No

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 13.30

Distance from RF3: 0.02

Date Created: 08/27/76

On/Off RF1:

On/Off RF3:

Parameter Inventory for Station: SAMO0074

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/08/52-03/08/52	1	2.	2.	2.	2.	0.	0.	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/08/52-03/08/52	1	1530.	1530.	1530.	1530.	0.	0.	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/08/52-03/08/52	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/08/52-03/08/52	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/08/52-03/08/52	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/08/52-03/08/52	1	414.	414.	414.	414.	0.	0.	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/08/52-03/08/52	1	458.	458.	458.	458.	0.	0.	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/08/52-03/08/52	1	71.	71.	71.	71.	0.	0.	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	03/08/52-03/08/52	1	500.	500.	500.	500.	0.	0.	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: SAMO0074

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00						1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00						1	0	0.00			
		Fresh Acute	860.	1	0	0.00						1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Drinking Water	250.	1	0	0.00						1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0075

NPS Station ID: SAMO0075 Location: TAPO CREEK AT WALNUT AVE Station Type: /TYPA/AMBNT/STREAM RMI-Indexes: RMI-Miles: HUC: 18070103 Major Basin: LOS ANGELES AREA Minor Basin: CALLEGUAS-CONEJO CREEKS RF1 Index: 18070103 RF3 Index: 18070103026400.00 Description: SURFACE WATER STATION; DATA MANAGER CODE: 3; AREAL CODE: ; BEGINNING OF RECORD: . ; ELEVATION: 1070 ; STATION NAME: TAPO CREEK AT WALNUT AVE ; DWR COUNTY CODE: 56; LATITUDE: 341749; LONGITUDE: 1184311; CALIFORNIA COORDINATES:	LAT/LON: 34.296949/-118.719726          Depth of Water: 0 Elevation: 0  RF1 Mile Point: 0.000 RF3 Mile Point: 2.01	Agency: 21CAL-1 FIPS State/County: 06111 CALIFORNIA/VENTURA STORET Station ID(s): Z4166550 /4036706 Within Park Boundary: No  Aquifer: Water Body Id: ECO Region: Distance from RF1: 12.10 Distance from RF3: 0.02
		Date Created: 08/27/76          On/Off RF1: On/Off RF3:

### Parameter Inventory for Station: SAMO0075

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/08/52-04/08/52	1	74.	74.	74.	74.	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	12/12/51-01/07/53	4	0.4	1.275	4.	0.3	3.309	1.819	**	**	**	**
00065 STAGE, STREAM (FEET)	04/16/52-01/07/53	2	0.405	0.405	0.56	0.25	0.048	0.219	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/12/51-01/07/53	3	2730.	2981.	3773.	2440.	491473.	701.051	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	12/12/51-01/07/53	3	7.6	7.633	7.8	7.5	0.023	0.153	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	12/12/51-01/07/53	3	7.6	7.616	7.8	7.5	0.024	0.154	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/12/51-01/07/53	3	0.025	0.024	0.032	0.016	0.	0.008	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	12/12/51-01/07/53	4	405.5	342.25	417.	141.	18090.25	134.5	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	12/12/51-01/07/53	3	1549.	1373.	1587.	983.	114436.	338.284	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	12/12/51-01/07/53	3	431.	401.667	512.	262.	16270.333	127.555	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	12/12/51-01/07/53	3	80.	90.	115.	75.	475.	21.794	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS NA)	12/12/51-01/07/53	3	258.	266.	460.	80.	36148.	190.126	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	04/16/52-01/07/53	2	17.	17.	22.	12.	50.	7.071	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	12/12/51-01/07/53	4	331.5	305.25	485.	73.	36350.917	190.659	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	12/12/51-01/07/53	3	1413.	1210.667	1427.	792.	131510.333	362.644	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	12/12/51-12/12/51	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	12/12/51-01/07/53	3	1800.	2306.667	4320.	800.	3290133.333	1813.872	**	**	**	**
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/16/52-01/07/53	2	2712.	2712.	3470.	1954.	1149128.	1071.974	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	12/12/51-01/07/53	3	6.1	7.4	11.2	4.9	11.19	3.345	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0075

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
00403 PH, LAB	Other-Hi Lim.	9.	3	0	0.00	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
	Other-Lo Lim.	6.5	3	0	0.00				2	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### EPA Water Quality Criteria Analysis for Station: SAMO0075

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00941 CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	4	0	0.00				2	0	0.00	2	0	0.00			
	Drinking Water	250.	4	2	0.50				2	0	0.00	2	2	1.00			
00946 SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	3	3	1.00				2	2	1.00	1	1	1.00			
	Drinking Water	4.	1	0	0.00				1	0	0.00						
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00				1	0	0.00						
71851 NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	3	0	0.00				2	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0076

NPS Station ID: SAMO0076  
 Location: TAPO CREEK AT TOWNSHIP RD  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070103  
 Major Basin: LOS ANGELES AREA  
 Minor Basin: CALLEGUAS-CONEJO CREEKS  
 RF1 Index: 18070103  
 RF3 Index: 18070103026400.00

LAT/LON: 34.293615/-118.719726

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 0.58

Agency: 21CAL-1  
 FIPS State/County: 06111 CALIFORNIA/VENTURA  
 STORET Station ID(s): Z4166330 /4036705  
 Within Park Boundary: No

Date Created: 08/27/76

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 5.90  
 Distance from RF3: 0.04

On/Off RF1:  
 On/Off RF3:

**Description:**

SURFACE WATER STATION; DATA MANAGER CODE: 3; AREAL CODE: ; BEGINNING OF RECORD: . ; ELEVATION: 1050 ;  
 STATION NAME: TAPO CREEK AT TOWNSHIP RD ; DWR COUNTY CODE: 56; LATITUDE: 341737; LONGITUDE: 1184311;  
 CALIFORNIA COORDINATES:

## Parameter Inventory for Station: SAMO0076

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061 FLOW, STREAM, INSTANTANEOUS CFS	03/07/52-12/02/52	3	15.	30.167	75.	0.5	1560.083	39.498	**	**	**	**
00065 STAGE, STREAM (FEET)	03/07/52-03/15/52	2	7.8	7.8	14.05	1.55	78.125	8.839	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/07/52-12/02/52	3	2010.	2192.667	3540.	1028.	1602561.333	1265.923	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	03/07/52-12/02/52	3	7.7	7.7	7.8	7.6	0.01	0.1	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	03/07/52-12/02/52	3	7.7	7.692	7.8	7.6	0.01	0.1	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/07/52-12/02/52	3	0.02	0.02	0.025	0.016	0.	0.005	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	03/07/52-12/02/52	3	125.	207.333	386.	111.	23990.333	154.888	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	03/07/52-12/02/52	3	1137.	959.667	1327.	415.	231521.333	481.167	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	03/07/52-12/02/52	3	347.	274.333	351.	125.	16729.333	129.342	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	03/07/52-12/02/52	3	63.2	66.733	112.	25.	1901.613	43.607	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	03/07/52-12/02/52	3	63.3	175.1	400.	62.	37935.43	194.77	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	12/02/52-12/02/52	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	03/07/52-12/02/52	3	49.	156.	384.	35.	39037.	197.578	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	03/07/52-12/02/52	3	1032.	878.	1240.	362.	210508.	458.812	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	03/07/52-12/02/52	3	400.	1133.333	2700.	300.	1843333.333	1357.694	**	**	**	**
70300 RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	03/07/52-12/02/52	3	1809.	1823.333	2942.	719.	1235586.333	1111.569	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	03/07/52-12/02/52	3	6.2	8.267	13.	5.6	16.893	4.11	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

## EPA Water Quality Criteria Analysis for Station: SAMO0076

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403	PH, LAB	Other-Hi Lim.	9.	3	0	0.00				1	0	0.00	2	0	0.00			
		Other-Lo Lim.	6.5	3	0	0.00				1	0	0.00	2	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	3	0	0.00				1	0	0.00	2	0	0.00			
		Drinking Water	250.	3	1	0.33				1	1	1.00	2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: SAMO0076

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	3	3	1.00				1	1	1.00	2	2	1.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	3	0	0.00				1	0	0.00	2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: SAMO0077

NPS Station ID: SAMO0077  
Location: LAS VIRGENES CREEK @ MALIBU CR  
Station Type: /TYPA/AMBNT/STREAM  
RMI-Indexes:  
RMI-Miles:  
HUC: 18070104  
Major Basin: SANTA MONICA BAY  
Minor Basin: MALIBU BEACH QUADRANGLE  
RF1 Index: 18070104013  
RF3 Index: 18070105002500.81  
Description:

LAT/LON: 34.097503/-118.720838  
  
  
  
  
  
  
  
  
  
Depth of Water: 999  
Elevation: 0  
  
RF1 Mile Point: 0.290  
RF3 Mile Point: 2.88

Agency: 21CALAFD  
FIPS State/County: 06037 CALIFORNIA/LOS ANGELES  
STORET Station ID(s): LVIMAL /TG 107D3G9 1  
Within Park Boundary: Yes  
  
  
Aquifer:  
Water Body Id:  
ECO Region:  
Distance from RF1: 11.50  
Distance from RF3: 0.04

Date Created: 06/11/76  
  
  
  
  
  
  
  
  
  
On/Off RF1: OFF  
On/Off RF3:

Parameter Inventory for Station: SAMO0077

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
***** No Parameter Data Available for this Station *****												

Station Inventory for Station: SAMO0078

NPS Station ID: SAMO0078	LAT/LON: 34.265004/-118.735004	Agency: 21CAL-1	Date Created: 06/02/79
Location: ARROYO SIMI A ROYAL AVE		FIPS State/County: 06111 CALIFORNIA/VENTURA	
Station Type: /TYPA/AMBNT/STREAM		STORET Station ID(s): Z4170000 /4036715	
RMI-Indexes:		Within Park Boundary: No	
RMI-Miles:			
HUC: 18070103	Depth of Water: 0	Aquifer:	
Major Basin: CALIFORNIA	Elevation: 0	Water Body Id:	
Minor Basin: SANTA CLARA RIVER		ECO Region:	
RF1 Index: 18070103006	RF1 Mile Point: 8.320	Distance from RF1: 0.00	On/Off RF1: OFF
RF3 Index: 18070103026400.00	RF3 Mile Point: 0.08	Distance from RF3: 0.00	On/Off RF3:
Description:			
SURFACE WATER STATION; DATA MANAGER CODE: 3; AREAL CODE: ; BEGINNING OF RECORD: . ; ELEVATION: 800 ;			
STATION NAME: ARROYO SIMI A ROYAL AVE ; DWR COUNTY CODE: 56; LATITUDE: 341554; LONGITUDE: 1184406;			
CALIFORNIA COORDINATES:			

Parameter Inventory for Station: SAMO0078

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
***** No Parameter Data at this Station Suitable for Statistical Analysis *****												



## Station Inventory for Station: SAMO0079

NPS Station ID: SAMO0079  
 Location: ARROYO SIMI ON ROYAL AVE S/SVHS  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070103  
 Major Basin: LOS ANGELES AREA  
 Minor Basin: CALLEGUAS-CONEJO CREEKS  
 RF1 Index: 18070103006  
 RF3 Index: 18070103026601.11  
 Description:  
 SURFACE WATER STATION; DATA MANAGER CODE: 3; AREAL CODE: ; BEGINNING OF RECORD: . ; ELEVATION: 1125 ;  
 STATION NAME: ARROYO SIMI ON ROYAL AVE S/SVHS ; DWR COUNTY CODE: 56; LATITUDE: 341549; LONGITUDE: 1184407;  
 CALIFORNIA COORDINATES:

LAT/LON: 34.263615/-118.735282

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 8.320  
 RF3 Mile Point: 1.10

Agency: 21CAL-1  
 FIPS State/County: 06111 CALIFORNIA/VENTURA  
 STORET Station ID(s): Z4168080 /4036708  
 Within Park Boundary: No

Date Created: 08/27/76

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 23.70  
 Distance from RF3: 0.00

On/Off RF1: OFF  
 On/Off RF3:

## Parameter Inventory for Station: SAMO0079

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	02/19/62-12/24/71	3	55.	55.333	57.	54.	2.333	1.528	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	02/19/62-12/24/71	3	264.	203.667	332.	15.	27852.333	166.89	**	**	**	**
00065 STAGE, STREAM (FEET)	11/29/70-11/29/70	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/19/62-11/29/70	2	529.5	529.5	549.	510.	760.5	27.577	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	02/19/62-11/29/70	2	8.05	8.05	8.4	7.7	0.245	0.495	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	02/19/62-11/29/70	2	7.922	7.922	8.4	7.7	0.278	0.527	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/19/62-11/29/70	2	0.012	0.012	0.02	0.004	0.	0.011	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	02/19/62-11/29/70	2	102.	102.	124.	80.	968.	31.113	**	**	**	**
00671 PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/29/70-11/29/70	1	0.24	0.24	0.24	0.24	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	02/19/62-11/29/70	2	217.5	217.5	238.	197.	840.5	28.991	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	02/19/62-11/29/70	2	62.5	62.5	72.	53.	180.5	13.435	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	02/19/62-11/29/70	2	15.	15.	16.	14.	2.	1.414	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	02/19/62-11/29/70	2	25.	25.	32.	18.	98.	9.899	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	02/19/62-11/29/70	2	3.5	3.5	5.	2.	4.5	2.121	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	02/19/62-11/29/70	2	19.5	19.5	24.	15.	40.5	6.364	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	02/19/62-11/29/70	2	136.5	136.5	139.	134.	12.5	3.536	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	02/19/62-11/29/70	2	0.5	0.5	0.6	0.4	0.02	0.141	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	02/19/62-02/19/62	1	16.	16.	16.	16.	0.	0.	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	02/19/62-02/19/62	1	480.	480.	480.	480.	0.	0.	**	**	**	**
70299 SOLIDS, SUSP. - RESIDUE ON EVAP. AT 180 C (MG/L)	11/29/70-11/29/70	1	10000.	10000.	10000.	10000.	0.	0.	**	**	**	**
70300 RESIDUE, TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/19/62-11/29/70	2	343.5	343.5	365.	322.	924.5	30.406	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	02/19/62-11/29/70	2	3.5	3.5	4.	3.	0.5	0.707	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0079

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403	PH, LAB																
	Other-Hi Lim.	9.	2	0	0.00				2	0	0.00						
	Other-Lo Lim.	6.5	2	0	0.00				2	0	0.00						
00941	CHLORIDE, DISSOLVED IN WATER																
	Fresh Acute	860.	2	0	0.00				2	0	0.00						
	Drinking Water	250.	2	0	0.00				2	0	0.00						
00946	SULFATE, DISSOLVED (AS SO4)																
	Drinking Water	250.	2	0	0.00				2	0	0.00						
00950	FLUORIDE, DISSOLVED AS F																
	Drinking Water	4.	2	0	0.00				2	0	0.00						
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)																
	Drinking Water	44.	2	0	0.00				2	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0080

NPS Station ID: SAMO0080  
Location: TAPO CREEK AT HWY 118  
Station Type: /TYPA/AMBNT/STREAM  
RMI-Indexes:

LAT/LON: 34.271671/-118.738616

Agency: 21CAL-1  
FIPS State/County: 06111 CALIFORNIA/VENTURA  
STORET Station ID(s): Z4166010 /4036704  
Within Park Boundary: No

Date Created: 08/27/76

RMI-Miles:  
HUC: 18070103  
Major Basin: LOS ANGELES AREA  
Minor Basin: CALLEGUAS-CONEJO CREEKS  
RF1 Index: 18070103  
RF3 Index: 18070103000605.73

Depth of Water: 0  
Elevation: 0

RF1 Mile Point: 0.000  
RF3 Mile Point: 5.79

Aquifer:  
Water Body Id:  
ECO Region:  
Distance from RF1: 0.00  
Distance from RF3: 0.08

On/Off RF1:  
On/Off RF3:

Description:  
SURFACE WATER STATION; DATA MANAGER CODE: 3; AREAL CODE: ; BEGINNING OF RECORD: . ; ELEVATION: 900 ;  
STATION NAME: TAPO CREEK AT HWY 118 ; DWR COUNTY CODE: 56; LATITUDE: 341618; LONGITUDE: 1184419;  
CALIFORNIA COORDINATES:

### Parameter Inventory for Station: SAMO0080

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	02/09/62-02/09/62	2	55.	55.	58.	52.	18.	4.243	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	02/09/62-04/02/65	3	2.	4.5	11.	0.5	32.25	5.679	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/09/62-04/02/65	2	1500.	1500.	2140.	860.	819200.	905.097	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	02/09/62-04/02/65	3	7.6	7.767	8.2	7.5	0.143	0.379	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	02/09/62-04/02/65	3	7.6	7.677	8.2	7.5	0.155	0.394	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/09/62-04/02/65	3	0.025	0.021	0.032	0.006	0.	0.013	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	02/09/62-04/02/65	3	139.	169.333	270.	99.	8000.333	89.445	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	02/09/62-04/02/65	3	774.	657.	798.	399.	50067.	223.757	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	02/09/62-04/02/65	3	219.	190.333	232.	120.	3752.333	61.256	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	02/09/62-04/02/65	3	53.	44.	55.	24.	301.	17.349	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	02/09/62-04/02/65	3	105.	113.333	185.	50.	4608.333	67.885	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	02/09/62-04/02/65	3	9.	14.667	28.	7.	134.333	11.59	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	02/09/62-04/02/65	3	58.	86.667	164.	38.	4585.333	67.715	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	02/09/62-04/02/65	3	699.	598.333	758.	338.	51700.333	227.377	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	02/09/62-04/02/65	3	0.6	0.7	1.1	0.4	0.13	0.361	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	02/09/62-02/09/62	2	22.5	22.5	23.	22.	0.5	0.707	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	02/09/62-04/02/65	3	240.	650.	1600.	110.	681100.	825.288	**	**	**	**
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/09/62-04/02/65	3	1255.	1211.667	1680.	700.	241508.333	491.435	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	02/09/62-04/02/65	3	7.8	6.267	10.	1.	22.013	4.692	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0080

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
00403 PH, LAB	Other-Hi Lim.	9.	3	0	0.00	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
	Other-Lo Lim.	6.5	3	0	0.00				2	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### EPA Water Quality Criteria Analysis for Station: SAMO0080

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute 860.	3	0	0.00				2	0	0.00	1	0	0.00			
		Drinking Water 250.	3	0	0.00				2	0	0.00	1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water 250.	3	3	1.00				2	2	1.00	1	1	1.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water 4.	3	0	0.00				2	0	0.00	1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water 44.	3	0	0.00				2	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: SAMO0081

NPS Station ID: SAMO0081  
Location: SOLSTICE CANYON CREEK @ PAC CST  
Station Type: /TYPA/AMBNT/STREAM  
RMI-Indexes:  
HUC:  
Major Basin: SANTA MONICA BAY  
Minor Basin: MALIBU BEACH QUADRANGLE  
RF1 Index:  
RF3 Index: 18070104021100.00  
Description:

LAT/LON: 34.032781/-118.741948  
  
  
Depth of Water: 999  
Elevation: 0  
  
RF1 Mile Point: 0.000  
RF3 Mile Point: 0.00

Agency: 21CALAFD  
FIPS State/County: 06037 CALIFORNIA/  
STORET Station ID(s): SOLPAC /TG 113B5J5 1  
Within Park Boundary: Yes  
  
Aquifer:  
Water Body Id:  
ECO Region:  
Distance from RF1: 0.00  
Distance from RF3: 0.01

Date Created: 06/11/76  
  
  
  
  
On/Off RF1:  
On/Off RF3:

Parameter Inventory for Station: SAMO0081

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
***** No Parameter Data Available for this Station *****												

Station Inventory for Station: SAMO0082

NPS Station ID: SAMO0082	LAT/LON: 34.266670/-118.743338	Agency: 21CAL-1	Date Created: 06/02/79
Location: ARROYO TAPO BELOW U.S. 118		FIPS State/County: 06111 CALIFORNIA/VENTURA	
Station Type: /TYPA/AMBNT/STREAM		STORET Station ID(s): Z4168000 /4036714	
RMI-Indexes:		Within Park Boundary: No	
RMI-Miles:			
HUC: 18070103	Depth of Water: 0	Aquifer:	
Major Basin: CALIFORNIA	Elevation: 0	Water Body Id:	
Minor Basin: SANTA CLARA RIVER		ECO Region:	
RF1 Index: 18070103006	RF1 Mile Point: 7.960	Distance from RF1: 0.00	On/Off RF1: OFF
RF3 Index: 18070103029100.00	RF3 Mile Point: 0.37	Distance from RF3: 0.14	On/Off RF3:
Description:			
SURFACE WATER STATION; DATA MANAGER CODE: 3; AREAL CODE: ; BEGINNING OF RECORD: . ; ELEVATION: 800 ;			
STATION NAME: ARROYO TAPO BL US 118 ; DWR COUNTY CODE: 56; LATITUDE: 341600; LONGITUDE: 1184436;			
CALIFORNIA COORDINATES:			

Parameter Inventory for Station: SAMO0082

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
***** No Parameter Data at this Station Suitable for Statistical Analysis *****												

## Station Inventory for Station: SAMO0083

NPS Station ID: SAMO0083  
 Location: MALIBU C BL MALIBU LK CA  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC:  
 Major Basin:  
 Minor Basin:  
 RF1 Index:  
 RF3 Index: 18070104001300.33  
 Description:

LAT/LON: 34.104448/-118.750005

Depth of Water: 0  
 Elevation: 0  
 RF1 Mile Point: 0.000  
 RF3 Mile Point: 0.93

Agency: 112WRD  
 FIPS State/County: 06037 CALIFORNIA/LOS ANGELES  
 STORET Station ID(s): 340616118450001  
 Within Park Boundary: Yes

Date Created: 03/10/90

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 2.50  
 Distance from RF3: 0.04

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: SAMO0083

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/88-08/05/88	1	28.	28.	28.	28.	0.	0.	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/05/88-08/05/88	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/05/88-08/05/88	1	2460.	2460.	2460.	2460.	0.	0.	**	**	**
00400	PH (STANDARD UNITS)	08/05/88-08/05/88	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/05/88-08/05/88	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/05/88-08/05/88	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/05/88-08/05/88	1	8.	8.	8.	8.	0.	0.	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/05/88-08/05/88	1	8.	8.	8.	8.	0.	0.	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/05/88-08/05/88	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/05/88-08/05/88	1	340.	340.	340.	340.	0.	0.	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	08/05/88-08/05/88	1	210.	210.	210.	210.	0.	0.	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/05/88-08/05/88	1	150.	150.	150.	150.	0.	0.	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	08/05/88-08/05/88	1	210.	210.	210.	210.	0.	0.	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/05/88-08/05/88	1	4.4	4.4	4.4	4.4	0.	0.	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	08/05/88-08/05/88	1	170.	170.	170.	170.	0.	0.	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/05/88-08/05/88	1	890.	890.	890.	890.	0.	0.	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/05/88-08/05/88	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	08/05/88-08/05/88	1	16.	16.	16.	16.	0.	0.	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	08/05/88-08/05/88	1	5.	5.	5.	5.	0.	0.	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/05/88-08/05/88	1	440.	440.	440.	440.	0.	0.	**	**	**
01027	CADMIUM, TOTAL (UG/L AS Cd)	08/05/88-08/05/88	1 ##	5.	5.	5.	5.	0.	0.	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS Cr)	08/05/88-08/05/88	1	2.	2.	2.	2.	0.	0.	**	**	**
01042	COPPER, TOTAL (UG/L AS Cu)	08/05/88-08/05/88	1	10.	10.	10.	10.	0.	0.	**	**	**
01046	IRON, DISSOLVED (UG/L AS Fe)	08/05/88-08/05/88	1	20.	20.	20.	20.	0.	0.	**	**	**
01051	LEAD, TOTAL (UG/L AS Pb)	08/05/88-08/05/88	1 ##	50.	50.	50.	50.	0.	0.	**	**	**
01092	ZINC, TOTAL (UG/L AS Zn)	08/05/88-08/05/88	1 ##	5.	5.	5.	5.	0.	0.	**	**	**
01147	SELENIUM, TOTAL (UG/L AS Se)	08/05/88-08/05/88	1	4.	4.	4.	4.	0.	0.	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	08/05/88-08/05/88	1	1830.	1830.	1830.	1830.	0.	0.	**	**	**
71900	MERCURY, TOTAL (UG/L AS Hg)	08/05/88-08/05/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0083

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH																
	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
	Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00403	PH, LAB																
	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
	Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00940	CHLORIDE, TOTAL IN WATER																
	Fresh Acute	860.	1	0	0.00	1	0	0.00									
	Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)																
	Drinking Water	250.	1	1	1.00	1	1	1.00									
00950	FLUORIDE, DISSOLVED AS F																
	Drinking Water	4.	1	0	0.00	1	0	0.00									
01002	ARSENIC, TOTAL																
	Fresh Acute	360.	1	0	0.00	1	0	0.00									
	Drinking Water	50.	1	0	0.00	1	0	0.00									
01027	CADMIUM, TOTAL																
	Fresh Acute	3.9	0 &	0	0.00												
	Drinking Water	5.	0 &	0	0.00												
01034	CHROMIUM, TOTAL																
	Drinking Water	100.	1	0	0.00	1	0	0.00									
01042	COPPER, TOTAL																
	Fresh Acute	18.	1	0	0.00	1	0	0.00									
	Drinking Water	1300.	1	0	0.00	1	0	0.00									
01051	LEAD, TOTAL																
	Fresh Acute	82.	1	0	0.00	1	0	0.00									
	Drinking Water	15.	0 &	0	0.00												
01092	ZINC, TOTAL																
	Fresh Acute	120.	1	0	0.00	1	0	0.00									
	Drinking Water	5000.	1	0	0.00	1	0	0.00									
01147	SELENIUM, TOTAL																
	Fresh Acute	20.	1	0	0.00	1	0	0.00									
	Drinking Water	50.	1	0	0.00	1	0	0.00									
71900	MERCURY, TOTAL																
	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
	Drinking Water	2.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



## Station Inventory for Station: SAMO0084

NPS Station ID: SAMO0084  
 Location: MALIBU LK NR CORNELL CA  
 Station Type: /TYPA/AMBNT/LAKE  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070104  
 Major Basin:  
 Minor Basin:  
 RF1 Index: 18070104  
 RF3 Index: 18070104007600.00  
 Description:

LAT/LON: 34.109449/-118.753893

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 0.05

Agency: 112WRD  
 FIPS State/County: 06037 CALIFORNIA/LOS ANGELES  
 STORET Station ID(s): 340634118451401  
 Within Park Boundary: Yes

Date Created: 02/27/82

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 7.00  
 Distance from RF3: 0.07

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: SAMO0084

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/02/82-07/14/83	5	17.5	19.5	27.5	12.	57.625	7.591	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	01/02/82-07/14/83	4	742.	742.5	748.	738.	23.	4.796	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/02/82-01/02/82	1	5.	5.	5.	5.	0.	0.	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/02/82-07/14/83	5	1770.	1560.	1850.	840.	177500.	421.307	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/02/82-07/14/83	4	9.25	9.075	9.7	8.1	0.549	0.741	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/02/82-07/27/82	3	94.	101.333	116.	94.	161.333	12.702	**	**	**
00400	PH (STANDARD UNITS)	01/02/82-07/14/83	3	8.1	8.1	8.3	7.9	0.04	0.2	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/02/82-07/14/83	3	8.1	8.07	8.3	7.9	0.041	0.203	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/02/82-07/14/83	3	0.008	0.009	0.013	0.005	0.	0.004	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/02/82-07/14/83	4	8.05	8.075	8.3	7.9	0.029	0.171	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	01/02/82-07/14/83	4	8.047	8.051	8.3	7.9	0.03	0.173	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/02/82-07/14/83	4	0.009	0.009	0.013	0.005	0.	0.003	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	01/02/82-03/18/82	2	2.95	2.95	3.6	2.3	0.845	0.919	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/02/82-07/14/83	4 ##	0.05	0.211	0.7	0.045	0.106	0.326	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/02/82-07/27/82	3	0.12	0.203	0.4	0.09	0.029	0.171	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/02/82-07/14/83	4	0.035	0.055	0.13	0.02	0.003	0.051	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	01/02/82-07/27/82	3	710.	590.	760.	300.	63700.	252.389	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	01/02/82-07/27/82	3	470.	383.333	520.	160.	38033.333	195.021	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	01/02/82-07/14/83	4	130.	115.75	142.	61.	1430.917	37.827	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/02/82-07/14/83	4	97.5	83.	100.	37.	943.333	30.714	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	01/02/82-07/14/83	4	135.	122.5	160.	60.	1891.667	43.493	**	**	**
00931	SODIUM ADSORPTION RATIO	01/02/82-07/27/82	3	2.	2.333	3.	2.	0.333	0.577	**	**	**
00932	SODIUM, PERCENT	01/02/82-07/27/82	3	30.	30.333	33.	28.	6.333	2.517	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/02/82-07/14/83	4	4.1	3.925	4.5	3.	0.476	0.69	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/02/82-07/14/83	4	115.	107.75	150.	51.	1853.583	43.053	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	01/02/82-07/14/83	4	600.	505.	610.	210.	38766.667	196.893	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/02/82-07/14/83	4	0.35	0.35	0.4	0.3	0.003	0.058	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	01/02/82-07/14/83	4	21.	17.15	24.	2.6	96.09	9.803	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	01/02/82-07/14/83	4	280.	265.	360.	140.	8433.333	91.833	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	01/02/82-01/02/82	1 ##	15.	15.	15.	15.	0.	0.	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	01/02/82-01/02/82	1	310.	310.	310.	310.	0.	0.	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	01/02/82-07/14/83	4	11.5	15.	32.	5.	151.333	12.302	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	01/02/82-01/02/82	1 ##	50.	50.	50.	50.	0.	0.	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	01/02/82-01/02/82	1	40.	40.	40.	40.	0.	0.	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	01/02/82-07/27/82	3	370.	1706.667	4700.	50.	6745633.333	2597.236	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	01/02/82-07/27/82	3	2.568	2.646	3.672	1.699	0.978	0.989	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			443.02							
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	01/02/82-07/27/82	3	3400.	7823.333	20000.	70.	113975633.333	10675.937	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: SAMO0084

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	01/02/82-07/27/82	3	3.531	3.226	4.301	1.845	1.578	1.256	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	01/02/82-07/27/82	3	3.531	3.226	4.301	1.845	1.578	1.256	**	**	**	**
39024	PROPAZINE,COULSON CONDUCTIVITY,WATER SAMPL(UG/L)	01/02/82-03/18/82	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39054	SIMETRYNE IN WHOLE WATER (UG/L)	01/02/82-03/18/82	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39055	SIMAZINE IN WHOLE WATER (UG/L)	01/02/82-03/18/82	2	2.5	2.5	3.	2.	0.5	0.707	**	**	**	**
39056	PROMETONE IN WHOLE WATER (UG/L)	01/02/82-03/18/82	2	0.15	0.15	0.2	0.1	0.005	0.071	**	**	**	**
39057	PROMETRYNE IN WHOLE WATER (UG/L)	01/02/82-03/18/82	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	01/02/82-03/18/82	2	2.85	2.85	3.	2.7	0.045	0.212	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/02/82-07/14/83	4	1385.	1190.5	1430.	562.	176427.667	420.033	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	01/02/82-07/27/82	3	1300.	1043.333	1300.	530.	197633.333	444.56	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/02/82-07/27/82	3	1.9	1.52	1.9	0.76	0.433	0.658	**	**	**	**
81757	CYANAZINE IN THE WHOLE WATER SAMPLE UG/L	01/02/82-03/18/82	2	0.	0.	0.	0.	0.	0.	**	**	**	**
82184	AMETRYNE (GESAPAX OR EVIK) TOTAL UG/L	01/02/82-03/18/82	2	0.	0.	0.	0.	0.	0.	**	**	**	**
82185	ATRATON (GESTAMIN) TOTAL UG/L	01/02/82-03/18/82	2	0.	0.	0.	0.	0.	0.	**	**	**	**
82187	CYPRAZINE TOTAL UG/L	01/02/82-03/18/82	2	0.	0.	0.	0.	0.	0.	**	**	**	**
82188	SIMETONE TOTAL UG/L	01/02/82-03/18/82	2	0.	0.	0.	0.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0084

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	0	0.00				1	0	0.00					
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00		
00400	PH	Other-Hi Lim.	9.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00		
		Other-Lo Lim.	6.5	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00		
00403	PH, LAB	Other-Hi Lim.	9.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00		
		Other-Lo Lim.	6.5	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00		
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00		
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00		
		Drinking Water	250.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00		
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	4	3	0.75	2	2	1.00	1	1	1.00	1	0	0.00		
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00		
01027	CADMIUM, TOTAL	Fresh Acute	3.9	0 &	0	0.00											
		Drinking Water	5.	0 &	0	0.00											
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00				1	0	0.00					
		Drinking Water	15.	0 &	0	0.00											
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00				1	0	0.00					
		Drinking Water	5000.	1	0	0.00				1	0	0.00					
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	3	2	0.67	1	0	0.00	1	1	1.00	1	1	1.00		
39055	SIMAZINE IN WHOLE WATER	Drinking Water	4.	2	0	0.00				1	0	0.00	1	0	0.00		
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE	Drinking Water	3.	2	1	0.50				1	1	1.00	1	0	0.00		

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: SAMO0085

NPS Station ID: SAMO0085

Location: FERN C CA

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 18070104

Major Basin:

Minor Basin:

RF1 Index: 18070104

RF3 Index: 18070104008300.00

Description:

LAT/LON: 34.095559/-118.753893

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 0.19

Agency: 112WRD

FIPS State/County: 06037 CALIFORNIA/LOS ANGELES

STORET Station ID(s): 340544118451401

Within Park Boundary: Yes

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 3.00

Distance from RF3: 0.05

Date Created: 11/30/85

On/Off RF1:

On/Off RF3:

Parameter Inventory for Station: SAMO0085

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/23/82-02/23/82	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/23/82-02/23/82	1	780.	780.	780.	780.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

\*\*\*\*\* No EPA Water Quality Criteria exist to compare against the data at this station. \*\*\*\*\*

## Station Inventory for Station: SAMO0086

NPS Station ID: SAMO0086  
 Location: LATIGO CREEK  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070104  
 Major Basin:  
 Minor Basin:  
 RF1 Index: 18070104  
 RF3 Index: 18070105000800.00  
 Description:

LAT/LON: 34.033892/-118.754170

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 3.50

Agency: 112WRD  
 FIPS State/County: 06037 CALIFORNIA/LOS ANGELES  
 STORET Station ID(s): 340202118451501  
 Within Park Boundary: Yes

Date Created: 11/30/85

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 1.70  
 Distance from RF3: 0.04

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: SAMO0086

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/10/82-02/17/86	4	16.75	18.5	25.	15.5	20.167	4.491	**	**	**	**
00025 BAROMETRIC PRESSURE (MM OF HG)	03/02/83-02/17/86	2	756.	756.	761.	751.	50.	7.071	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/10/82-02/17/86	4	1720.	1575.	2340.	520.	632366.667	795.215	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	03/02/83-02/17/86	3	9.1	9.067	10.	8.1	0.903	0.95	**	**	**	**
00400 PH (STANDARD UNITS)	11/10/82-02/17/86	4	8.05	8.05	8.1	8.	0.003	0.058	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	11/10/82-02/17/86	4	8.047	8.047	8.1	8.	0.003	0.058	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/10/82-02/17/86	4	0.009	0.009	0.01	0.008	0.	0.001	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	11/10/82-02/17/86	4	8.15	7.975	8.2	7.4	0.149	0.386	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	11/10/82-02/17/86	4	8.147	7.821	8.2	7.4	0.181	0.425	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/10/82-02/17/86	4	0.007	0.015	0.04	0.006	0.	0.016	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	03/02/83-02/17/86	3	260.	266.	318.	220.	2428.	49.275	**	**	**	**
00602 NITROGEN, DISSOLVED (MG/L AS N)	11/10/82-11/10/82	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00607 NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	11/10/82-11/10/82	1	4.5	4.5	4.5	4.5	0.	0.	**	**	**	**
00608 NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	11/10/82-11/10/82	1	0.91	0.91	0.91	0.91	0.	0.	**	**	**	**
00613 NITRITE NITROGEN, DISSOLVED (MG/L AS N)	11/10/82-11/10/82	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00618 NITRATE NITROGEN, DISSOLVED (MG/L AS N)	11/10/82-11/10/82	1	0.91	0.91	0.91	0.91	0.	0.	**	**	**	**
00623 NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	11/10/82-11/10/82	1	5.4	5.4	5.4	5.4	0.	0.	**	**	**	**
00631 NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	11/10/82-02/17/86	4	1.65	2.025	4.2	0.6	2.629	1.621	**	**	**	**
00671 PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/10/82-02/17/86	4	0.04	0.118	0.36	0.03	0.026	0.162	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	11/10/82-03/02/83	2	470.	470.	720.	220.	125000.	353.553	**	**	**	**
00902 HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	03/02/83-03/02/83	1	500.	500.	500.	500.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	11/10/82-02/17/86	4	118.5	129.25	280.	0.	15742.25	125.468	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	11/10/82-02/17/86	4	42.	61.	160.	0.	5132.	71.638	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	11/10/82-02/17/86	4	34.5	52.25	140.	0.	3868.25	62.195	**	**	**	**
00931 SODIUM ADSORPTION RATIO	11/10/82-03/02/83	2	0.75	0.75	0.9	0.6	0.045	0.212	**	**	**	**
00932 SODIUM, PERCENT	11/10/82-03/02/83	2	14.	14.	15.	13.	2.	1.414	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	11/10/82-02/17/86	4	3.45	4.625	8.8	2.8	8.043	2.836	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	11/10/82-02/17/86	4	66.	75.5	150.	20.	3017.667	54.933	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	11/10/82-02/17/86	4	675.	675.	1200.	150.	201900.	449.333	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	11/10/82-02/17/86	4	0.4	0.45	0.6	0.4	0.01	0.1	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	11/10/82-02/17/86	4	12.7	12.1	23.	0.	107.373	10.362	**	**	**	**
01002 ARSENIC, TOTAL (UG/L AS AS)	11/10/82-02/17/86	4	17.5	17.5	32.	3.	244.333	15.631	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	11/10/82-02/17/86	4	120.	132.5	240.	50.	6491.667	80.571	**	**	**	**
01027 CADMIUM, TOTAL (UG/L AS CD)	11/10/82-02/17/86	4	230.	233.75	470.	5.	53122.917	230.484	**	**	**	**
01034 CHROMIUM, TOTAL (UG/L AS CR)	11/10/82-02/17/86	4	245.	236.25	450.	5.	53522.917	231.35	**	**	**	**
01042 COPPER, TOTAL (UG/L AS CU)	11/10/82-02/17/86	4	350.	340.	640.	20.	102600.	320.312	**	**	**	**
01046 IRON, DISSOLVED (UG/L AS FE)	11/10/82-02/17/86	4	14.5	64.75	230.	0.	12203.583	110.47	**	**	**	**
01051 LEAD, TOTAL (UG/L AS PB)	11/10/82-02/17/86	4 ##	225.	250.	500.	50.	55000.	234.521	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: SAMO0086

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01065	NICKEL, DISSOLVED (UG/L AS NI)	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	4	1255.	1260.	2500.	30.	1612200.	1269.724	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	4	68.5	71.75	100.	50.	634.917	25.198	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	1	160.	160.	160.	160.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	1	2.204	2.204	2.204	2.204	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =										
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	1	680.	680.	680.	680.	0.	0.	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	1	2.833	2.833	2.833	2.833	0.	0.	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =										
39024	PROPAGINE,COULSON CONDUCTIVITY,WATER SAMPL(UG/L)	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39054	SIMETRYNE IN WHOLE WATER (UG/L)	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39055	SIMAZINE IN WHOLE WATER (UG/L)	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39056	PROMETONE IN WHOLE WATER (UG/L)	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39057	PROMETRYNE IN WHOLE WATER (UG/L)	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	4	1355.	1276.25	2220.	175.	742089.583	861.446	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	2	693.5	693.5	1050.	337.	254184.5	504.167	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	4	0.6	0.875	2.2	0.1	0.943	0.971	**	**	**	**
81757	CYANAZINE IN THE WHOLE WATER SAMPLE UG/L	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
82184	AMETRYNE (GESAPAX OR EVIK) TOTAL UG/L	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
82185	ATRATON (GESTAMIN) TOTAL UG/L	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
82187	CYPRAZINE TOTAL UG/L	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
82188	SIMETONE TOTAL UG/L	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0086

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00		
00400	PH	Other-Hi Lim.	9.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		
		Other-Lo Lim.	6.5	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		
00403	PH, LAB	Other-Hi Lim.	9.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		
		Other-Lo Lim.	6.5	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00				1	0	0.00					
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00				1	0	0.00					
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		
		Drinking Water	250.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	4	3	0.75	1	1	1.00	2	1	0.50	1	1	1.00		
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		
01002	ARSENIC, TOTAL	Fresh Acute	360.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		
		Drinking Water	50.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		
01027	CADMIUM, TOTAL	Fresh Acute	3.9	3 &	3	1.00				2	2	1.00	1	1	1.00		
		Drinking Water	5.	3 &	3	1.00				2	2	1.00	1	1	1.00		
01034	CHROMIUM, TOTAL	Drinking Water	100.	4	2	0.50	1	0	0.00	2	1	0.50	1	1	1.00		
01042	COPPER, TOTAL	Fresh Acute	18.	4	4	1.00	1	1	1.00	2	2	1.00	1	1	1.00		
		Drinking Water	1300.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		
01051	LEAD, TOTAL	Fresh Acute	82.	4	2	0.50	1	0	0.00	2	1	0.50	1	1	1.00		
		Drinking Water	15.	2 &	2	1.00				1	1	1.00	1	1	1.00		

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### EPA Water Quality Criteria Analysis for Station: SAMO0086

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
01065	NICKEL, DISSOLVED	Fresh Acute 1400.	1	0	0.00				1	0	0.00						
		Drinking Water 100.	1	0	0.00				1	0	0.00						
01092	ZINC, TOTAL	Fresh Acute 120.	4	3	0.75	1	0	0.00	2	2	1.00	1	1	1.00			
		Drinking Water 5000.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute 20.	4	4	1.00	1	1	1.00	2	2	1.00	1	1	1.00			
		Drinking Water 50.	4	4	1.00	1	1	1.00	2	2	1.00	1	1	1.00			
		Other-Hi Lim. 200.	1	0	0.00				1	0	0.00						
31625	FECAL COLIFORM, MF	Drinking Water 4.	1	0	0.00							1	0	0.00			
39055	SIMAZINE IN WHOLE WATER	Fresh Acute 0.065	1	0	0.00							1	0	0.00			
39540	PARATHION IN WHOLE WATER SAMPLE	Drinking Water 3.	1	0	0.00							1	0	0.00			
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE	Fresh Acute 2.4	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
71900	MERCURY, TOTAL	Drinking Water 2.	4	1	0.25	1	0	0.00	2	1	0.50	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0087

NPS Station ID: SAMO0087  
 Location: MEDEA CREEK  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070104  
 Major Basin:  
 Minor Basin:  
 RF1 Index: 18070104  
 RF3 Index: 18070103032200.00  
 Description:

LAT/LON: 34.117226/-118.755005

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 0.00

Agency: 112WRD  
 FIPS State/County: 06037 CALIFORNIA/LOS ANGELES  
 STORET Station ID(s): 340702118451801  
 Within Park Boundary: Yes

Date Created: 02/27/82

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 3.30  
 Distance from RF3: 0.02

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: SAMO0087

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/01/82-08/29/84	10	19.	18.13	29.	11.	27.18	5.213	11.18	12.95	20.375	28.25
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/31/84-07/24/84	2	23.	23.	28.	18.	50.	7.071	**	**	**	**
00025 BAROMETRIC PRESSURE (MM OF HG)	01/01/82-08/29/84	9	743.	748.222	763.	739.	104.944	10.244	739.	740.	760.5	763.
00061 FLOW, STREAM, INSTANTANEOUS CFS	01/01/82-08/29/84	6	0.4	2.15	11.	0.2	18.815	4.338	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/01/82-08/29/84	10	2510.	2155.5	3200.	275.	844158.056	918.781	367.5	1350.	2770.	3175.
00300 OXYGEN, DISSOLVED MG/L	01/01/82-08/29/84	9	8.	8.556	10.8	7.	2.22	1.49	7.	7.4	10.25	10.8
00301 OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/01/82-03/01/83	4	98.5	97.25	102.	90.	27.583	5.252	**	**	**	**
00400 PH (STANDARD UNITS)	01/01/82-08/29/84	8	8.05	8.075	8.3	7.9	0.022	0.149	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	01/01/82-08/29/84	8	8.047	8.053	8.3	7.9	0.023	0.151	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/01/82-08/29/84	8	0.009	0.009	0.013	0.005	0.	0.003	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	01/01/82-08/29/84	9	8.1	8.022	8.4	7.3	0.097	0.311	7.3	7.95	8.2	8.4
00403 CONVERTED PH, LAB, STANDARD UNITS	01/01/82-08/29/84	9	8.1	7.892	8.4	7.3	0.116	0.341	7.3	7.95	8.2	8.4
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/01/82-08/29/84	9	0.008	0.013	0.05	0.004	0.	0.014	0.004	0.006	0.011	0.05
00405 CARBON DIOXIDE (MG/L AS CO2)	01/01/82-03/01/83	3	3.6	2.667	4.	0.4	3.893	1.973	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	03/01/83-08/29/84	5	317.	260.	333.	40.	15569.5	124.778	**	**	**	**
00631 NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/01/82-08/29/84	9##	0.05	0.35	1.4	0.05	0.22	0.469	0.05	0.05	0.65	1.4
00660 PHOSPHATE, ORTHO (MG/L AS PO4)	01/01/82-03/01/83	4	0.34	0.368	0.61	0.18	0.037	0.193	**	**	**	**
00671 PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/01/82-08/29/84	9	0.08	0.098	0.2	0.05	0.003	0.051	0.05	0.055	0.14	0.2
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	01/01/82-03/01/83	4	570.	637.5	1300.	110.	247491.667	497.485	**	**	**	**
00902 HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	01/01/82-03/01/83	4	390.	488.	1100.	72.	191336.	437.42	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	01/01/82-08/29/84	9	220.	181.889	260.	30.	6069.111	77.904	30.	113.5	230.	260.
00925 MAGNESIUM, DISSOLVED (MG/L AS Mg)	01/01/82-08/29/84	9	150.	117.444	170.	9.	3020.528	54.959	9.	69.	150.	170.
00930 SODIUM, DISSOLVED (MG/L AS Na)	01/01/82-08/29/84	9	230.	188.711	260.	8.4	7457.951	86.359	8.4	120.	245.	260.
00931 SODIUM ADSORPTION RATIO	01/01/82-03/01/83	4	2.	1.85	3.	0.4	1.157	1.075	**	**	**	**
00932 SODIUM, PERCENT	01/01/82-03/01/83	4	29.5	26.5	33.	14.	72.333	8.505	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	01/01/82-08/29/84	9	4.6	4.389	4.8	2.7	0.429	0.655	2.7	4.35	4.75	4.8
00940 CHLORIDE, TOTAL IN WATER MG/L	01/01/82-08/29/84	9	190.	131.4	230.	0.6	7964.59	89.245	0.6	42.	200.	230.
00945 SULFATE, TOTAL (MG/L AS SO4)	01/01/82-08/29/84	9	1100.	853.667	1200.	73.	155388.5	394.193	73.	510.	1100.	1200.
00950 FLUORIDE, DISSOLVED (MG/L AS F)	01/01/82-08/29/84	9	0.6	0.511	0.6	0.2	0.019	0.136	0.2	0.45	0.6	0.6
00955 SILICA, DISSOLVED (MG/L AS SiO2)	01/01/82-08/29/84	9	31.	26.556	34.	11.	73.528	8.575	11.	18.5	32.	34.
01002 ARSENIC, TOTAL (UG/L AS AS)	05/31/84-08/29/84	4	2.	2.25	3.	2.	0.25	0.5	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	01/01/82-08/29/84	9	530.	461.111	630.	80.	35861.111	189.37	80.	305.	615.	630.
01027 CADMIUM, TOTAL (UG/L AS Cd)	05/31/84-08/29/84	4##	5.	7.5	15.	5.	25.	5.	**	**	**	**
01034 CHROMIUM, TOTAL (UG/L AS Cr)	05/31/84-08/29/84	4	15.	13.75	20.	5.	56.25	7.5	**	**	**	**
01042 COPPER, TOTAL (UG/L AS Cu)	05/31/84-08/29/84	4	10.	13.75	30.	5.	122.917	11.087	**	**	**	**
01046 IRON, DISSOLVED (UG/L AS Fe)	01/01/82-08/29/84	9	37.	39.111	80.	20.	384.361	19.605	20.	23.5	50.	80.
01051 LEAD, TOTAL (UG/L AS Pb)	05/31/84-08/29/84	4##	75.	75.	100.	50.	833.333	28.868	**	**	**	**
01092 ZINC, TOTAL (UG/L AS Zn)	05/31/84-08/29/84	4	35.	56.25	150.	5.	4522.917	67.253	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: SAMO0087

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01147 SELENIUM, TOTAL (UG/L AS SE)	05/31/84-08/29/84	4	3.	2.625	4.	0.5	2.229	1.493	**	**	**	**
31625 FECAL COLIFORM, MF,M-FC, 0.7 UM	01/01/82-08/29/84	7	500.	1469.286	5600.	115.	4031086.905	2007.757	**	**	**	**
31625 LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	01/01/82-08/29/84	7	2.699	2.827	3.748	2.061	0.352	0.593	**	**	**	**
31625 GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			671.845								
31673 FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	01/01/82-08/29/84	7	1689.	9091.286	31000.	350.	189417014.905	13762.885	**	**	**	**
31673 LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	01/01/82-08/29/84	7	3.228	3.35	4.491	2.544	0.668	0.817	**	**	**	**
31673 GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			2240.63								
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/01/82-08/29/84	9	2170.	1771.667	2540.	189.	635744.	797.336	189.	1078.	2245.	2540.
70301 SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	01/01/82-03/01/83	4	1035.	1132.5	2300.	160.	794091.667	891.118	**	**	**	**
70302 SOLIDS, DISSOLVED-TONS PER DAY	01/01/82-07/27/82	2	13.7	13.7	26.	1.4	302.58	17.395	**	**	**	**
70303 SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/01/82-03/01/83	4	1.45	1.665	3.5	0.26	1.853	1.361	**	**	**	**
71900 MERCURY, TOTAL (UG/L AS HG)	05/31/84-08/29/84	4 ##	0.125	0.15	0.3	0.05	0.015	0.122	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0087

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	9	0	0.00	5	0	0.00	1	0	0.00	3	0	0.00			
00400 PH	Other-Hi Lim.	9.	8	0	0.00	4	0	0.00	1	0	0.00	3	0	0.00			
	Other-Lo Lim.	6.5	8	0	0.00	4	0	0.00	1	0	0.00	3	0	0.00			
00403 PH, LAB	Other-Hi Lim.	9.	9	0	0.00	5	0	0.00	1	0	0.00	3	0	0.00			
	Other-Lo Lim.	6.5	9	0	0.00	5	0	0.00	1	0	0.00	3	0	0.00			
00631 NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	9	0	0.00	5	0	0.00	1	0	0.00	3	0	0.00			
00940 CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	9	0	0.00	5	0	0.00	1	0	0.00	3	0	0.00			
	Drinking Water	250.	9	0	0.00	5	0	0.00	1	0	0.00	3	0	0.00			
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	9	8	0.89	5	5	1.00	1	1	1.00	3	2	0.67			
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	9	0	0.00	5	0	0.00	1	0	0.00	3	0	0.00			
01002 ARSENIC, TOTAL	Fresh Acute	360.	4	0	0.00	3	0	0.00				1	0	0.00			
	Drinking Water	50.	4	0	0.00	3	0	0.00				1	0	0.00			
01027 CADMIUM, TOTAL	Fresh Acute	3.9	0 &	0	0.00												
	Drinking Water	5.	0 &	0	0.00												
01034 CHROMIUM, TOTAL	Drinking Water	100.	4	0	0.00	3	0	0.00				1	0	0.00			
01042 COPPER, TOTAL	Fresh Acute	18.	4	1	0.25	3	1	0.33				1	0	0.00			
	Drinking Water	1300.	4	0	0.00	3	0	0.00				1	0	0.00			
01051 LEAD, TOTAL	Fresh Acute	82.	4	2	0.50	3	2	0.67				1	0	0.00			
	Drinking Water	15.	2 &	2	1.00	2	2	1.00									
01092 ZINC, TOTAL	Fresh Acute	120.	4	1	0.25	3	1	0.33				1	0	0.00			
	Drinking Water	5000.	4	0	0.00	3	0	0.00				1	0	0.00			
01147 SELENIUM, TOTAL	Fresh Acute	20.	4	0	0.00	3	0	0.00				1	0	0.00			
	Drinking Water	50.	4	0	0.00	3	0	0.00				1	0	0.00			
31625 FECAL COLIFORM, MF	Other-Hi Lim.	200.	7	6	0.86	4	3	0.75	1	1	1.00	2	2	1.00			
71900 MERCURY, TOTAL	Fresh Acute	2.4	4	0	0.00	3	0	0.00				1	0	0.00			
	Drinking Water	2.	4	0	0.00	3	0	0.00				1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



## Station Inventory for Station: SAMO0088

NPS Station ID: SAMO0088  
 Location: MEDEA C A PARAMOUNT RCH NR CORNELL CA  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070104  
 Major Basin:  
 Minor Basin:  
 RF1 Index: 18070104  
 RF3 Index: 18070104001707.58  
 Description:

LAT/LON: 34.115281/-118.755005

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 8.75

Agency: 112WRD  
 FIPS State/County: 06037 CALIFORNIA/LOS ANGELES  
 STORET Station ID(s): 340655118451801  
 Within Park Boundary: Yes

Date Created: 01/07/89

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 0.70  
 Distance from RF3: 0.04

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: SAMO0088

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/18/82-08/02/88	5	20.5	20.4	29.	11.	40.925	6.397	**	**	**	**
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/24/84-07/24/84	1	28.	28.	28.	28.	0.	0.	**	**	**	**
00025 BAROMETRIC PRESSURE (MM OF HG)	03/18/82-08/02/88	5	740.	744.2	762.	739.	99.2	9.96	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	07/13/83-08/02/88	3	0.4	0.9	2.	0.3	0.91	0.954	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/29/84-08/02/88	2	2150.	2150.	2180.	2120.	1800.	42.426	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	03/18/82-08/02/88	5	7.4	8.	10.6	7.	2.16	1.47	**	**	**	**
00301 OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/18/82-03/18/82	1	100.	100.	100.	100.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	03/18/82-08/02/88	5	8.1	8.08	8.2	7.9	0.017	0.13	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	03/18/82-08/02/88	5	8.1	8.064	8.2	7.9	0.017	0.132	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/18/82-08/02/88	5	0.008	0.009	0.013	0.006	0.	0.003	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	03/18/82-08/02/88	5	8.1	8.18	8.4	8.	0.027	0.164	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	03/18/82-08/02/88	5	8.1	8.156	8.4	8.	0.028	0.166	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/18/82-08/02/88	5	0.008	0.007	0.01	0.004	0.	0.002	**	**	**	**
00405 CARBON DIOXIDE (MG/L AS CO2)	03/18/82-03/18/82	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	03/18/82-08/02/88	5	325.	295.8	333.	211.	2711.7	52.074	**	**	**	**
00631 NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	03/18/82-08/02/88	5	0.2	0.46	1.4	0.05	0.327	0.572	**	**	**	**
00660 PHOSPHATE, ORTHO (MG/L AS PO4)	03/18/82-03/18/82	1	0.43	0.43	0.43	0.43	0.	0.	**	**	**	**
00671 PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/18/82-08/02/88	5	0.14	0.108	0.14	0.05	0.002	0.044	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	03/18/82-03/18/82	1	660.	660.	660.	660.	0.	0.	**	**	**	**
00902 HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	03/18/82-03/18/82	1	450.	450.	450.	450.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	03/18/82-08/02/88	5	220.	202.8	230.	134.	1529.2	39.105	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	03/18/82-08/02/88	5	150.	133.8	150.	79.	957.2	30.939	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	03/18/82-08/02/88	5	240.	216.	240.	130.	2330.	48.27	**	**	**	**
00931 SODIUM ADSORPTION RATIO	03/18/82-03/18/82	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00932 SODIUM, PERCENT	03/18/82-03/18/82	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	03/18/82-08/02/88	5	4.8	4.74	5.1	4.4	0.068	0.261	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	03/18/82-08/02/88	5	190.	137.6	210.	0.	8318.8	91.207	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	03/18/82-08/02/88	5	1100.	976.	1100.	600.	46880.	216.518	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	03/18/82-08/02/88	5	0.6	0.56	0.6	0.5	0.003	0.055	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	03/18/82-08/02/88	5	31.	29.8	34.	23.	17.7	4.207	**	**	**	**
01002 ARSENIC, TOTAL (UG/L AS AS)	07/24/84-08/02/88	3	3.	2.667	3.	2.	0.333	0.577	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	03/18/82-08/02/88	5	540.	518.	620.	280.	19120.	138.275	**	**	**	**
01027 CADMIUM, TOTAL (UG/L AS CD)	07/24/84-08/02/88	3 ##	5.	8.333	15.	5.	33.333	5.774	**	**	**	**
01034 CHROMIUM, TOTAL (UG/L AS CR)	07/24/84-08/02/88	3	5.	5.667	10.	2.	16.333	4.041	**	**	**	**
01042 COPPER, TOTAL (UG/L AS CU)	07/24/84-08/02/88	3	10.	8.333	10.	5.	8.333	2.887	**	**	**	**
01046 IRON, DISSOLVED (UG/L AS FE)	03/18/82-08/02/88	5	30.	29.4	40.	20.	86.8	9.317	**	**	**	**
01051 LEAD, TOTAL (UG/L AS PB)	07/24/84-08/02/88	3 ##	50.	66.667	100.	50.	833.333	28.868	**	**	**	**
01092 ZINC, TOTAL (UG/L AS ZN)	07/24/84-08/02/88	3 ##	5.	6.667	10.	5.	8.333	2.887	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: SAMO0088

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01147 SELENIUM, TOTAL (UG/L AS SE)	07/24/84-08/02/88	3	3.	4.667	8.	3.	8.333	2.887	**	**	**	**
31616 FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	08/02/88-08/02/88	1	1300.	1300.	1300.	1300.	0.	0.	**	**	**	**
31616 LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	08/02/88-08/02/88	1	3.114	3.114	3.114	3.114	0.	0.	**	**	**	**
31616 GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			1300.								
31625 FECAL COLIFORM, MF, M-FC, 0.7 UM	03/18/82-08/02/88	4	419.	888.25	2600.	115.	1354772.25	1163.947	**	**	**	**
31625 LOG FECAL COLIFORM, MF, M-FC, 0.7 UM	03/18/82-08/02/88	4	2.553	2.645	3.415	2.061	0.359	0.599	**	**	**	**
31625 GM FECAL COLIFORM, MF, M-FC, 0.7 UM	GEOMETRIC MEAN =			441.957								
31673 FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	03/18/82-08/02/88	4	820.	8247.5	31000.	350.	230223691.667	15173.124	**	**	**	**
31673 LOG FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	03/18/82-08/02/88	4	2.861	3.19	4.491	2.544	0.807	0.898	**	**	**	**
31673 GM FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	GEOMETRIC MEAN =			1547.091								
39024 PROPAGINE, COULSON CONDUCTIVITY, WATER SAMPL (UG/L)	08/02/88-08/02/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39030 TREFLAN, MICROCOULOMETRIC, WATER SAMPLE (UG/L)	08/02/88-08/02/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39054 SIMETRYNE IN WHOLE WATER (UG/L)	08/02/88-08/02/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39055 SIMAZINE IN WHOLE WATER (UG/L)	08/02/88-08/02/88	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
39056 PROMETONE IN WHOLE WATER (UG/L)	08/02/88-08/02/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39057 PROMETRYNE IN WHOLE WATER (UG/L)	08/02/88-08/02/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39251 PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	08/02/88-08/02/88	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39333 ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/02/88-08/02/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39343 GAMMA-BHC (LINDANE), SEDIMENTS, DRY WGT, UG/KG	08/02/88-08/02/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39351 CHLORDANE (TECH MIX & METABS), SEDIMENTS, DRY WGT, UG/KG	08/02/88-08/02/88	1	18.	18.	18.	18.	0.	0.	**	**	**	**
39363 DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/02/88-08/02/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39368 DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/02/88-08/02/88	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
39373 DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/02/88-08/02/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39383 DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/02/88-08/02/88	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
39389 ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/02/88-08/02/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39393 ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/02/88-08/02/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39398 ETHION IN WHOLE WATER SAMPLE (UG/L)	08/02/88-08/02/88	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39403 TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/02/88-08/02/88	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39413 HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	08/02/88-08/02/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39423 HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	08/02/88-08/02/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39481 METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	08/02/88-08/02/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39519 PCBs IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/02/88-08/02/88	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39530 MALATHION IN WHOLE WATER SAMPLE (UG/L)	08/02/88-08/02/88	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39540 PARATHION IN WHOLE WATER SAMPLE (UG/L)	08/02/88-08/02/88	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39570 DIAZINON IN WHOLE WATER SAMPLE (UG/L)	08/02/88-08/02/88	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39600 METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	08/02/88-08/02/88	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39630 ATRAZINE (AATREX) IN WHOLE WATER SAMPLE (UG/L)	08/02/88-08/02/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39758 MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	08/02/88-08/02/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39786 TRITHION IN WHOLE WATER SAMPLE (UG/L)	08/02/88-08/02/88	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39790 METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	08/02/88-08/02/88	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
70300 RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	03/18/82-08/02/88	5	2170.	1998.	2230.	1240.	180170.	424.464	**	**	**	**
70301 SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	03/18/82-03/18/82	1	1200.	1200.	1200.	1200.	0.	0.	**	**	**	**
70303 SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/18/82-03/18/82	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
71900 MERCURY, TOTAL (UG/L AS HG)	07/24/84-08/02/88	3 ##	0.05	0.1	0.2	0.05	0.008	0.087	**	**	**	**
77825 ALACHLOR WHOLE WATER, UG/L	08/02/88-08/02/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
81757 CYANAZINE IN THE WHOLE WATER SAMPLE UG/L	08/02/88-08/02/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
81886 PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	08/02/88-08/02/88	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82184 AMETRYNE (GESAPAX OR EVIK) TOTAL UG/L	08/02/88-08/02/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
82611 METRIBUZIN, WHOLE WATER, TOTAL RECOVERABLE UG/L	08/02/88-08/02/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
82612 METOLACHLOR, WHOLE WATER, TOTAL RECOVERABLE UG/L	08/02/88-08/02/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0088

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	5	0	0.00	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400 PH	Other-Hi Lim.	9.	5	0	0.00	4	0	0.00	4	0	0.00	1	0	0.00			
	Other-Lo Lim.	6.5	5	0	0.00	4	0	0.00				1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### EPA Water Quality Criteria Analysis for Station: SAMO0088

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403	PH, LAB																
	Other-Hi Lim.	9.	5	0	0.00	4	0	0.00				1	0	0.00			
	Other-Lo Lim.	6.5	5	0	0.00	4	0	0.00				1	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	10.	5	0	0.00	4	0	0.00				1	0	0.00			
00940	CHLORIDE, TOTAL IN WATER	860.	5	0	0.00	4	0	0.00				1	0	0.00			
	Fresh Acute											1	0	0.00			
	Drinking Water	250.	5	0	0.00	4	0	0.00				1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	250.	5	5	1.00	4	4	1.00				1	1	1.00			
00950	FLUORIDE, DISSOLVED AS F	4.	5	0	0.00	4	0	0.00				1	0	0.00			
01002	ARSENIC, TOTAL	360.	3	0	0.00	3	0	0.00									
	Fresh Acute																
	Drinking Water	50.	3	0	0.00	3	0	0.00									
01027	CADMIUM, TOTAL	3.9	0 &	0	0.00												
	Fresh Acute																
	Drinking Water	5.	0 &	0	0.00												
01034	CHROMIUM, TOTAL	100.	3	0	0.00	3	0	0.00									
01042	COPPER, TOTAL	18.	3	0	0.00	3	0	0.00									
	Fresh Acute																
	Drinking Water	1300.	3	0	0.00	3	0	0.00									
01051	LEAD, TOTAL	82.	3	1	0.33	3	1	0.33									
	Fresh Acute																
	Drinking Water	15.	1 &	1	1.00	1	1	1.00									
01092	ZINC, TOTAL	120.	3	0	0.00	3	0	0.00									
	Fresh Acute																
	Drinking Water	5000.	3	0	0.00	3	0	0.00									
01147	SELENIUM, TOTAL	20.	3	0	0.00	3	0	0.00									
	Fresh Acute																
	Drinking Water	50.	3	0	0.00	3	0	0.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	200.	1	1	1.00	1	1	1.00									
31625	FECAL COLIFORM, MF	200.	4	3	0.75	3	2	0.67				1	1	1.00			
39055	SIMAZINE IN WHOLE WATER	4.	1	0	0.00	1	0	0.00									
39540	PARATHION IN WHOLE WATER SAMPLE	0.065	1	0	0.00	1	0	0.00									
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE	3.	1	0	0.00	1	0	0.00									
71900	MERCURY, TOTAL	2.4	3	0	0.00	3	0	0.00									
	Fresh Acute																
	Drinking Water	2.	3	0	0.00	3	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0089

NPS Station ID: SAMO0089  
Location: ESCONDIDO CANYON CREEK @ PAC CST  
Station Type: /TYPA/AMBNT/STREAM  
RMI-Indexes:  
RMI-Miles:  
HUC:  
Major Basin: SANTA MONICA BAY  
Minor Basin: POINT DUME QUADRANGLE  
RF1 Index:  
RF3 Index: 18070105000604.11  
Description:

LAT/LON: 34.025559/-118.764727

Agency: 21CALAFD  
FIPS State/County: 06037 CALIFORNIA/  
STORET Station ID(s): ESCPAC /TG 112F6 1  
Within Park Boundary: Yes

Date Created: 06/11/76

Depth of Water: 999  
Elevation: 0

Aquifer:  
Water Body Id:  
ECO Region:  
Distance from RF1: 0.00  
Distance from RF3: 0.01

On/Off RF1:  
On/Off RF3:

### Parameter Inventory for Station: SAMO0089

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
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\*\*\*\*\* No Parameter Data Available for this Station \*\*\*\*\*

## Station Inventory for Station: SAMO0090

NPS Station ID: SAMO0090  
 Location: LATIGO C A LATIGO CYN RD NR PT DUME CA  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070104  
 Major Basin:  
 Minor Basin:  
 RF1 Index: 18070104  
 RF3 Index: 18070104014300.00  
 Description:

LAT/LON: 34.037504/-118.765004

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 0.00

Agency: 112WRD  
 FIPS State/County: 06037 CALIFORNIA/LOS ANGELES  
 STORET Station ID(s): 340215118455401  
 Within Park Boundary: Yes

Date Created: 07/02/88

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 3.90  
 Distance from RF3: 0.00

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: SAMO0090

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/17/86-07/23/86	2	17.	17.	18.5	15.5	4.5	2.121	**	**	**	**
00025 BAROMETRIC PRESSURE (MM OF HG)	02/17/86-07/23/86	2	757.5	757.5	760.	755.	12.5	3.536	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	02/17/86-07/23/86	2	0.47	0.47	0.9	0.04	0.37	0.608	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/17/86-07/23/86	2	2130.	2130.	2270.	1990.	39200.	197.99	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	02/17/86-07/23/86	2	9.1	9.1	9.1	9.1	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	02/17/86-07/23/86	2	7.8	7.8	8.	7.6	0.08	0.283	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	02/17/86-07/23/86	2	7.755	7.755	8.	7.6	0.084	0.29	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/17/86-07/23/86	2	0.018	0.018	0.025	0.01	0.	0.011	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	02/17/86-07/23/86	2	8.	8.	8.1	7.9	0.02	0.141	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	02/17/86-07/23/86	2	7.989	7.989	8.1	7.9	0.02	0.142	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/17/86-07/23/86	2	0.01	0.01	0.013	0.008	0.	0.003	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	02/17/86-07/23/86	2	331.	331.	344.	318.	338.	18.385	**	**	**	**
00631 NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	02/17/86-07/23/86	2 ##	1.175	1.175	2.3	0.05	2.531	1.591	**	**	**	**
00671 PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	02/17/86-07/23/86	2	0.025	0.025	0.03	0.02	0.	0.007	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	02/17/86-07/23/86	2	275.	275.	280.	270.	50.	7.071	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	02/17/86-07/23/86	2	125.	125.	140.	110.	450.	21.213	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	02/17/86-07/23/86	2	82.5	82.5	95.	70.	312.5	17.678	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	02/17/86-07/23/86	2	2.1	2.1	2.8	1.4	0.98	0.99	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	02/17/86-07/23/86	2	88.	88.	99.	77.	242.	15.556	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	02/17/86-07/23/86	2	895.	895.	950.	840.	6050.	77.782	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	02/17/86-07/23/86	2	0.45	0.45	0.5	0.4	0.005	0.071	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	02/17/86-07/23/86	2	21.5	21.5	23.	20.	4.5	2.121	**	**	**	**
01002 ARSENIC, TOTAL (UG/L AS AS)	02/17/86-07/23/86	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	02/17/86-07/23/86	2	155.	155.	170.	140.	450.	21.213	**	**	**	**
01027 CADMIUM, TOTAL (UG/L AS CD)	02/17/86-07/23/86	2 ##	37.5	37.5	70.	5.	2112.5	45.962	**	**	**	**
01034 CHROMIUM, TOTAL (UG/L AS CR)	02/17/86-07/23/86	2 ##	37.5	37.5	70.	5.	2112.5	45.962	**	**	**	**
01042 COPPER, TOTAL (UG/L AS CU)	02/17/86-07/23/86	2	60.	60.	110.	10.	5000.	70.711	**	**	**	**
01046 IRON, DISSOLVED (UG/L AS FE)	02/17/86-07/23/86	2	24.5	24.5	30.	19.	60.5	7.778	**	**	**	**
01051 LEAD, TOTAL (UG/L AS PB)	02/17/86-07/23/86	2 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01092 ZINC, TOTAL (UG/L AS ZN)	02/17/86-07/23/86	2 ##	157.5	157.5	310.	5.	46512.5	215.668	**	**	**	**
01147 SELENIUM, TOTAL (UG/L AS SE)	02/17/86-07/23/86	2	38.5	38.5	51.	26.	312.5	17.678	**	**	**	**
31625 FECAL COLIFORM, MF,M-FC, 0.7 UM	02/17/86-07/23/86	2	104.5	104.5	160.	49.	6160.5	78.489	**	**	**	**
31625 LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	02/17/86-07/23/86	2	1.947	1.947	2.204	1.69	0.132	0.363	**	**	**	**
31625 GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			88.544								
31673 FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	02/17/86-07/23/86	2	340.	340.	680.	0.	231200.	480.833	**	**	**	**
31673 LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	02/17/86-07/23/86	2	1.416	1.416	2.833	0.	4.012	2.003	**	**	**	**
31673 GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			26.077								
71900 MERCURY, TOTAL (UG/L AS HG)	02/17/86-07/23/86	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: SAMO0090

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
80154 SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	02/17/86-02/17/86	1	2870.	2870.	2870.	2870.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0090

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	1	0	0.00	1	0	0.00						
00400 PH	Other-Hi Lim.	9.	2	0	0.00	1	0	0.00	1	0	0.00						
	Other-Lo Lim.	6.5	2	0	0.00	1	0	0.00	1	0	0.00						
00403 PH, LAB	Other-Hi Lim.	9.	2	0	0.00	1	0	0.00	1	0	0.00						
	Other-Lo Lim.	6.5	2	0	0.00	1	0	0.00	1	0	0.00						
00631 NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00	1	0	0.00	1	0	0.00						
00940 CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	1	0	0.00	1	0	0.00						
	Drinking Water	250.	2	0	0.00	1	0	0.00	1	0	0.00						
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	2	1.00	1	1	1.00	1	1	1.00						
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00	1	0	0.00	1	0	0.00						
01002 ARSENIC, TOTAL	Fresh Acute	360.	2	0	0.00	1	0	0.00	1	0	0.00						
	Drinking Water	50.	2	0	0.00	1	0	0.00	1	0	0.00						
01027 CADMIUM, TOTAL	Fresh Acute	3.9	1 &	1	1.00				1	1	1.00						
	Drinking Water	5.	1 &	1	1.00				1	1	1.00						
01034 CHROMIUM, TOTAL	Drinking Water	100.	2	0	0.00	1	0	0.00	1	0	0.00						
01042 COPPER, TOTAL	Fresh Acute	18.	2	1	0.50	1	0	0.00	1	1	1.00						
	Drinking Water	1300.	2	0	0.00	1	0	0.00	1	0	0.00						
01051 LEAD, TOTAL	Fresh Acute	82.	2	0	0.00	1	0	0.00	1	0	0.00						
	Drinking Water	15.	0 &	0	0.00												
01092 ZINC, TOTAL	Fresh Acute	120.	2	1	0.50	1	0	0.00	1	1	1.00						
	Drinking Water	5000.	2	0	0.00	1	0	0.00	1	0	0.00						
01147 SELENIUM, TOTAL	Fresh Acute	20.	2	2	1.00	1	1	1.00	1	1	1.00						
	Drinking Water	50.	2	1	0.50	1	0	0.00	1	1	1.00						
31625 FECAL COLIFORM, MF	Other-Hi Lim.	200.	2	0	0.00	1	0	0.00	1	0	0.00						
71900 MERCURY, TOTAL	Fresh Acute	2.4	2	0	0.00	1	0	0.00	1	0	0.00						
	Drinking Water	2.	2	0	0.00	1	0	0.00	1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0091

NPS Station ID: SAMO0091  
 Location: MEDEA C A KANAN RD NR SIMI PEAK CA  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC:  
 Major Basin:  
 Minor Basin:  
 RF1 Index:  
 RF3 Index: 18070104001602.12  
 Description:

LAT/LON: 34.179726/-118.768616

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 3.88

Agency: 112WRD  
 FIPS State/County: 06111 CALIFORNIA/VENTURA  
 STORET Station ID(s): 341047118460701  
 Within Park Boundary: No

Date Created: 03/10/90

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 1.90  
 Distance from RF3: 0.03

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: SAMO0091

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/88-08/05/88	1	27.	27.	27.	27.	0.	0.	**	**	**	**
00025 BAROMETRIC PRESSURE (MM OF HG)	08/05/88-08/05/88	1	735.	735.	735.	735.	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	08/05/88-08/05/88	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/05/88-08/05/88	1	2890.	2890.	2890.	2890.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	08/05/88-08/05/88	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	08/05/88-08/05/88	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	08/05/88-08/05/88	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/05/88-08/05/88	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	08/05/88-08/05/88	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	08/05/88-08/05/88	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/05/88-08/05/88	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	08/05/88-08/05/88	1	291.	291.	291.	291.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	08/05/88-08/05/88	1	280.	280.	280.	280.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS Mg)	08/05/88-08/05/88	1	220.	220.	220.	220.	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	08/05/88-08/05/88	1	160.	160.	160.	160.	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	08/05/88-08/05/88	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	08/05/88-08/05/88	1	210.	210.	210.	210.	0.	0.	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	08/05/88-08/05/88	1	1300.	1300.	1300.	1300.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	08/05/88-08/05/88	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	08/05/88-08/05/88	1	26.	26.	26.	26.	0.	0.	**	**	**	**
01002 ARSENIC, TOTAL (UG/L AS AS)	08/05/88-08/05/88	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	08/05/88-08/05/88	1	230.	230.	230.	230.	0.	0.	**	**	**	**
01027 CADMIUM, TOTAL (UG/L AS Cd)	08/05/88-08/05/88	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01034 CHROMIUM, TOTAL (UG/L AS Cr)	08/05/88-08/05/88	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01042 COPPER, TOTAL (UG/L AS Cu)	08/05/88-08/05/88	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01046 IRON, DISSOLVED (UG/L AS Fe)	08/05/88-08/05/88	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01051 LEAD, TOTAL (UG/L AS Pb)	08/05/88-08/05/88	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01092 ZINC, TOTAL (UG/L AS Zn)	08/05/88-08/05/88	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01147 SELENIUM, TOTAL (UG/L AS Se)	08/05/88-08/05/88	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
70300 RESIDUE, TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/05/88-08/05/88	1	2390.	2390.	2390.	2390.	0.	0.	**	**	**	**
71900 MERCURY, TOTAL (UG/L AS Hg)	08/05/88-08/05/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0091

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	4.	1	0	0.00	1	0	0.00									
00400	PH	9.	1	0	0.00	1	0	0.00									
	Other-Hi Lim.	6.5	1	0	0.00	1	0	0.00									
00403	PH, LAB	9.	1	0	0.00	1	0	0.00									
	Other-Hi Lim.	6.5	1	0	0.00	1	0	0.00									
00940	CHLORIDE, TOTAL IN WATER	860.	1	0	0.00	1	0	0.00									
	Fresh Acute	250.	1	0	0.00	1	0	0.00									
	Drinking Water	250.	1	1	1.00	1	1	1.00									
00945	SULFATE, TOTAL (AS SO4)	4.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	360.	1	0	0.00	1	0	0.00									
01002	ARSENIC, TOTAL	50.	1	0	0.00	1	0	0.00									
	Drinking Water	3.9	0 &	0	0.00												
01027	CADMIUM, TOTAL	5.	0 &	0	0.00												
	Drinking Water	100.	1	0	0.00	1	0	0.00									
01034	CHROMIUM, TOTAL	18.	1	0	0.00	1	0	0.00									
01042	COPPER, TOTAL	1300.	1	0	0.00	1	0	0.00									
	Drinking Water	82.	1	0	0.00	1	0	0.00									
01051	LEAD, TOTAL	15.	0 &	0	0.00												
	Drinking Water	120.	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	5000.	1	0	0.00	1	0	0.00									
	Fresh Acute	20.	1	0	0.00	1	0	0.00									
01147	SELENIUM, TOTAL	50.	1	0	0.00	1	0	0.00									
	Drinking Water	2.4	1	0	0.00	1	0	0.00									
71900	MERCURY, TOTAL	2.	1	0	0.00	1	0	0.00									
	Drinking Water																

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



## Station Inventory for Station: SAMO0092

NPS Station ID: SAMO0092  
 Location: MALIBU C A CORNELL CA  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070104  
 Major Basin:  
 Minor Basin:  
 RF1 Index: 18070104  
 RF3 Index: 18070104000202.87  
 Description:

LAT/LON: 34.114170/-118.778338

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 4.18

Agency: 112WRD  
 FIPS State/County: 06037 CALIFORNIA/LOS ANGELES  
 STORET Station ID(s): 11104400  
 Within Park Boundary: Yes

Date Created: 05/03/86

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 0.00  
 Distance from RF3: 0.11

On/Off RF1:  
 On/Off RF3:

### Parameter Inventory for Station: SAMO0092

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/25/85-12/17/87	3	13.	12.833	15.	10.5	5.083	2.255	**	**	**	**
00025 BAROMETRIC PRESSURE (MM OF HG)	11/25/85-12/17/87	3	735.	738.333	745.	735.	33.333	5.774	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	03/06/87-12/17/87	2	67.	67.	116.	18.	4802.	69.296	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/25/85-12/17/87	3	1060.	1006.	1120.	838.	22068.	148.553	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	11/25/85-12/17/87	3	9.5	9.533	9.8	9.3	0.063	0.252	**	**	**	**
00400 PH (STANDARD UNITS)	11/25/85-12/17/87	3	7.75	7.85	8.2	7.6	0.097	0.312	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	11/25/85-12/17/87	3	7.75	7.785	8.2	7.6	0.104	0.322	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/25/85-12/17/87	3	0.018	0.016	0.025	0.006	0.	0.009	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	11/25/85-12/17/87	3	8.	7.967	8.	7.9	0.003	0.058	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	11/25/85-12/17/87	3	8.	7.964	8.	7.9	0.003	0.058	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/25/85-12/17/87	3	0.01	0.011	0.013	0.01	0.	0.001	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	11/25/85-12/17/87	3	203.	198.667	235.	158.	1496.333	38.682	**	**	**	**
00631 NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	11/25/85-12/17/87	3	0.3	0.667	1.5	0.2	0.523	0.723	**	**	**	**
00671 PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/25/85-12/17/87	3	0.09	0.1	0.14	0.07	0.001	0.036	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	11/25/85-11/25/85	1	420.	420.	420.	420.	0.	0.	**	**	**	**
00902 HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	11/25/85-11/25/85	1	220.	220.	220.	220.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	11/25/85-12/17/87	3	81.	75.667	88.	58.	246.333	15.695	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	11/25/85-12/17/87	3	52.	47.333	53.	37.	80.333	8.963	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	11/25/85-12/17/87	3	86.	78.	88.	60.	244.	15.62	**	**	**	**
00931 SODIUM ADSORPTION RATIO	11/25/85-11/25/85	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
00932 SODIUM, PERCENT	11/25/85-11/25/85	1	31.	31.	31.	31.	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	11/25/85-12/17/87	3	2.9	2.967	3.3	2.7	0.093	0.306	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	11/25/85-12/17/87	3	82.	78.333	93.	60.	282.333	16.803	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	11/25/85-12/17/87	3	270.	243.333	270.	190.	2133.333	46.188	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	11/25/85-12/17/87	3	0.2	0.233	0.3	0.2	0.003	0.058	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	11/25/85-12/17/87	3	23.	23.667	27.	21.	9.333	3.055	**	**	**	**
01002 ARSENIC, TOTAL (UG/L AS AS)	11/25/85-12/17/87	3	2.	1.667	2.	1.	0.333	0.577	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	11/25/85-12/17/87	3	180.	176.667	210.	140.	1233.333	35.119	**	**	**	**
01027 CADMIUM, TOTAL (UG/L AS Cd)	11/25/85-12/17/87	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01034 CHROMIUM, TOTAL (UG/L AS CR)	11/25/85-12/17/87	3	7.	10.667	20.	5.	66.333	8.145	**	**	**	**
01042 COPPER, TOTAL (UG/L AS CU)	11/25/85-12/17/87	3	20.	33.333	60.	20.	533.333	23.094	**	**	**	**
01046 IRON, DISSOLVED (UG/L AS FE)	11/25/85-12/17/87	3	11.	16.667	29.	10.	114.333	10.693	**	**	**	**
01051 LEAD, TOTAL (UG/L AS Pb)	11/25/85-12/17/87	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01092 ZINC, TOTAL (UG/L AS ZN)	11/25/85-12/17/87	3	20.	28.333	60.	5.	808.333	28.431	**	**	**	**
01147 SELENIUM, TOTAL (UG/L AS SE)	11/25/85-12/17/87	3	1.	0.833	1.	0.5	0.083	0.289	**	**	**	**
30154 DIBENZO(AH)ANTHRACENE, SOIL, RECOVERABLE, MG/KG	12/17/87-12/17/87	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
31625 FECAL COLIFORM, MF,M-FC, 0.7 UM	11/25/85-12/17/87	3	2000.	2756.667	5600.	670.	6505633.333	2550.614	**	**	**	**
31625 LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	11/25/85-12/17/87	3	3.301	3.292	3.748	2.826	0.213	0.461	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: SAMO0092

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =										
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	3	14000.	17366.667	34000.	4100.	232003333.333	15231.656	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	3	4.146	4.097	4.531	3.613	0.213	0.461	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =										
39024	PROPAGINE,COULSON CONDUCTIVITY, WATER SAMPL(UG/L)	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39030	TREFLAN, MICROCOULOMETRIC, WATER SAMPLE (UG/L)	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39054	SIMETRYNE IN WHOLE WATER (UG/L)	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39055	SIMAZINE IN WHOLE WATER (UG/L)	2	0.55	0.55	0.6	0.5	0.005	0.071	**	**	**	**
39056	PROMETONE IN WHOLE WATER (UG/L)	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39057	PROMETRYNE IN WHOLE WATER (UG/L)	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	2	0.025	0.025	0.03	0.02	0.	0.007	**	**	**	**
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	2	0.225	0.225	0.28	0.17	0.006	0.078	**	**	**	**
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	2 ##	0.075	0.075	0.1	0.05	0.001	0.035	**	**	**	**
39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	3	710.	684.	788.	554.	14196.	119.147	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	1	717.	717.	717.	717.	0.	0.	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	1	85.	85.	85.	85.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	3	0.3	0.25	0.4	0.05	0.033	0.18	**	**	**	**
77825	ALACHLOR WHOLE WATER,UG/L	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	2	32.	32.	46.	18.	392.	19.799	**	**	**	**
81757	CYANAZINE IN THE WHOLE WATER SAMPLE UG/L	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
82184	AMETRYNE (GESAPAX OR EVIK) TOTAL UG/L	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
82611	METRIBUZIN, WHOLE WATER, TOTAL RECOVERABLE UG/L	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
82612	METOLACHLOR, WHOLE WATER, TOTAL RECOVERABLE UG/L	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0092

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	0	0.00			2	0	0.00	1	0	0.00			
00400	PH	Other-Hi Lim.	9.	3	0	0.00			2	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	3	0	0.00			2	0	0.00	1	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	3	0	0.00			2	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	3	0	0.00			2	0	0.00	1	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	3	0	0.00			2	0	0.00	1	0	0.00			
00940	CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	3	0	0.00			2	0	0.00	1	0	0.00			
		Drinking Water	250.	3	0	0.00			2	0	0.00	1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	3	2	0.67			2	1	0.50	1	1	1.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	3	0	0.00			2	0	0.00	1	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	3	0	0.00			2	0	0.00	1	0	0.00			
		Drinking Water	50.	3	0	0.00			2	0	0.00	1	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	0 &	0	0.00											
		Drinking Water	5.	0 &	0	0.00											
01034	CHROMIUM, TOTAL	Drinking Water	100.	3	0	0.00			2	0	0.00	1	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	3	3	1.00			2	2	1.00	1	1	1.00			
		Drinking Water	1300.	3	0	0.00			2	0	0.00	1	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	3	0	0.00			2	0	0.00	1	0	0.00			
		Drinking Water	15.	0 &	0	0.00											
01092	ZINC, TOTAL	Fresh Acute	120.	3	0	0.00			2	0	0.00	1	0	0.00			
		Drinking Water	5000.	3	0	0.00			2	0	0.00	1	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	3	0	0.00			2	0	0.00	1	0	0.00			
		Drinking Water	50.	3	0	0.00			2	0	0.00	1	0	0.00			
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	3	3	1.00			2	2	1.00	1	1	1.00			
39055	SIMAZINE IN WHOLE WATER	Drinking Water	4.	2	0	0.00			2	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### EPA Water Quality Criteria Analysis for Station: SAMO0092

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
39540 PARATHION IN WHOLE WATER SAMPLE	Fresh Acute	0.065	2	0	0.00				2	0	0.00						
39630 ATRAZINE(AATREX) IN WHOLE WATER SAMPLE	Drinking Water	3.	2	0	0.00				2	0	0.00						
71900 MERCURY, TOTAL	Fresh Acute	2.4	3	0	0.00				2	0	0.00	1	0	0.00			
	Drinking Water	2.	3	0	0.00				2	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: SAMO0093

NPS Station ID: SAMO0093

Location: TRIUNFO CRK AT MULHOLLAND HWY SITE 10

Station Type: /TYP/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 18070104

Major Basin:

Minor Basin:

RF1 Index: 18070104

RF3 Index: 18070104000800.00

Description:

LAT/LON: 34.114448/-118.781670

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 0.12

Agency: 112WRD

FIPS State/County: 06037 CALIFORNIA/LOS ANGELES

STORET Station ID(s): 340652118465401

Within Park Boundary: Yes

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 1.90

Distance from RF3: 0.00

Date Created: 12/22/84

On/Off RF1:

On/Off RF3:

Parameter Inventory for Station: SAMO0093

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
***** No Parameter Data Available for this Station *****												

## Station Inventory for Station: SAMO0094

NPS Station ID: SAMO0094  
 Location: SAN JOSE CREEK @ GANESHA BLVD  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070104  
 Major Basin: SAN GABRIEL RIVER  
 Minor Basin: SAN DIMAS QUADRANGLE  
 RF1 Index: 18070104  
 RF3 Index: 18070104000334.38  
 Description:

LAT/LON: 34.066670/-118.786670

Depth of Water: 999  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 35.69

Agency: 21CALAFD  
 FIPS State/County: 06037 CALIFORNIA/LOS ANGELES  
 STORET Station ID(s): SJCGAN /TG 94B1G9 1  
 Within Park Boundary: Yes

Date Created: / /

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 0.00  
 Distance from RF3: 0.07

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: SAMO0094

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/01/73-01/04/74	2	175.5	175.5	252.	99.	11704.5	108.187	**	**	**
00300	OXYGEN, DISSOLVED MG/L	12/01/73-01/04/74	2	8.05	8.05	9.3	6.8	3.125	1.768	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	12/01/73-01/04/74	2	44.	44.	63.	25.	722.	26.87	**	**	**
00403	PH, LAB, STANDARD UNITS SU	12/01/73-01/04/74	2	7.55	7.55	7.6	7.5	0.005	0.071	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	12/01/73-01/04/74	2	7.547	7.547	7.6	7.5	0.005	0.071	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/01/73-01/04/74	2	0.028	0.028	0.032	0.025	0.	0.005	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	12/01/73-01/04/74	2	43.5	43.5	65.	22.	924.5	30.406	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	12/01/73-01/04/74	2	0.	0.	0.	0.	0.	0.	**	**	**
00547	RESIDUE, TOTAL NON-SETTLEABLE (MG/L)	12/01/73-01/04/74	2	219.	219.	243.	195.	1152.	33.941	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	12/01/73-01/04/74	2	52.5	52.5	74.	31.	924.5	30.406	**	**	**
00916	CALCIUM, TOTAL (MG/L AS Ca)	12/01/73-01/04/74	2	14.5	14.5	20.	9.	60.5	7.778	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	12/01/73-01/04/74	2	4.	4.	6.	2.	8.	2.828	**	**	**
00929	SODIUM, TOTAL (MG/L AS Na)	12/01/73-01/04/74	2	9.5	9.5	15.	4.	60.5	7.778	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	12/01/73-01/04/74	2	4.5	4.5	6.	3.	4.5	2.121	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	12/01/73-01/04/74	2	12.	12.	17.	7.	50.	7.071	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	12/01/73-01/04/74	2	20.5	20.5	31.	10.	220.5	14.849	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	12/01/73-01/04/74	2 ##	9.	9.	16.	2.	98.	9.899	**	**	**
01007	BARIUM, TOTAL (UG/L AS Ba)	12/01/73-01/04/74	2	120.	120.	200.	40.	12800.	113.137	**	**	**
01027	CADMIUM, TOTAL (UG/L AS Cd)	12/01/73-01/04/74	2	9.5	9.5	11.	8.	4.5	2.121	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	12/01/73-01/04/74	2	200.	200.	300.	100.	20000.	141.421	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	12/01/73-12/01/73	1	1780.	1780.	1780.	1780.	0.	0.	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	12/01/73-01/04/74	2	5400.	5400.	6200.	4600.	1280000.	1131.371	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	12/01/73-01/04/74	2	185.	185.	270.	100.	14450.	120.208	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	12/01/73-01/04/74	2	265.	265.	450.	80.	68450.	261.63	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	12/01/73-01/04/74	2	11.	11.	12.	10.	2.	1.414	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	12/01/73-01/04/74	2	725.	725.	780.	670.	6050.	77.782	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	12/01/73-01/04/74	2 ##	0.4	0.4	0.5	0.3	0.02	0.141	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	12/01/73-01/04/74	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	12/01/73-01/04/74	2	0.03	0.03	0.04	0.02	0.	0.014	**	**	**
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	12/01/73-01/04/74	2 ##	0.025	0.025	0.04	0.01	0.	0.021	**	**	**
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	12/01/73-01/04/74	2 ##	0.035	0.035	0.05	0.02	0.	0.021	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	12/01/73-01/04/74	2	0.205	0.205	0.3	0.11	0.018	0.134	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	12/01/73-01/04/74	2 ##	0.013	0.013	0.02	0.005	0.	0.011	**	**	**
39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	12/01/73-01/04/74	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	12/01/73-01/04/74	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	12/01/73-01/04/74	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	12/01/73-01/04/74	2	0.04	0.04	0.06	0.02	0.001	0.028	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	12/01/73-01/04/74	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: SAMO0094

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39496 PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	12/01/73-01/04/74	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39504 PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	12/01/73-01/04/74	2 ##	0.502	0.502	1.	0.005	0.495	0.704	**	**	**	**
39780 DICOFOL IN WHOLE WATER SAMPLE (UG/L)	12/01/73-01/04/74	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39782 LINDANE IN WHOLE WATER SAMPLE (UG/L)	12/01/73-01/04/74	2	0.04	0.04	0.05	0.03	0.	0.014	**	**	**	**
70301 SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	12/01/73-01/04/74	2	114.	114.	166.	62.	5408.	73.539	**	**	**	**
71850 NITRATE NITROGEN,TOTAL (MG/L AS NO3)	12/01/73-01/04/74	2	4.3	4.3	4.3	4.3	0.	0.	**	**	**	**
71900 MERCURY, TOTAL (UG/L AS HG)	12/01/73-01/04/74	2	0.25	0.25	0.3	0.2	0.005	0.071	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0094

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00				2	0	0.00						
00403 PH, LAB	Other-Hi Lim.	9.	2	0	0.00				2	0	0.00						
	Other-Lo Lim.	6.5	2	0	0.00				2	0	0.00						
00940 CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00				2	0	0.00						
	Drinking Water	250.	2	0	0.00				2	0	0.00						
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00				2	0	0.00						
01002 ARSENIC, TOTAL	Fresh Acute	360.	2	0	0.00				2	0	0.00						
	Drinking Water	50.	2	0	0.00				2	0	0.00						
01007 BARIUM, TOTAL	Drinking Water	2000.	2	0	0.00				2	0	0.00						
01027 CADMIUM, TOTAL	Fresh Acute	3.9	2	2	1.00				2	2	1.00						
	Drinking Water	5.	2	2	1.00				2	2	1.00						
01034 CHROMIUM, TOTAL	Drinking Water	100.	2	2	1.00				2	2	1.00						
01042 COPPER, TOTAL	Fresh Acute	18.	1	1	1.00				1	1	1.00						
	Drinking Water	1300.	1	1	1.00				1	1	1.00						
01067 NICKEL, TOTAL	Fresh Acute	1400.	2	0	0.00				2	0	0.00						
	Drinking Water	100.	2	1	0.50				2	1	0.50						
01077 SILVER, TOTAL	Fresh Acute	4.1	2	2	1.00				2	2	1.00						
	Drinking Water	100.	2	0	0.00				2	0	0.00						
01092 ZINC, TOTAL	Fresh Acute	120.	2	2	1.00				2	2	1.00						
	Drinking Water	5000.	2	0	0.00				2	0	0.00						
01147 SELENIUM, TOTAL	Fresh Acute	20.	2	0	0.00				2	0	0.00						
	Drinking Water	50.	2	0	0.00				2	0	0.00						
39330 ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	2	0	0.00				2	0	0.00						
39340 GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	2	0	0.00				2	0	0.00						
	Drinking Water	0.2	2	0	0.00				2	0	0.00						
39360 DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	2	0	0.00				2	0	0.00						
39365 DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	2	0	0.00				2	0	0.00						
39370 DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	2	0	0.00				2	0	0.00						
39380 DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	2	0	0.00				2	0	0.00						
39388 ENDOSULFAN IN WHOLE WATER SAMPLE	Fresh Acute	0.22	2	0	0.00				2	0	0.00						
39390 ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	2	0	0.00				2	0	0.00						
	Drinking Water	2.	2	0	0.00				2	0	0.00						
39400 TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	2	0	0.00				2	0	0.00						
	Drinking Water	3.	2	0	0.00				2	0	0.00						
39410 HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	2	0	0.00				2	0	0.00						
	Drinking Water	0.4	2	0	0.00				2	0	0.00						
39420 HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	2	0	0.00				2	0	0.00						
	Drinking Water	0.2	2	0	0.00				2	0	0.00						
39782 LINDANE IN WHOLE WATER SAMPLE	Fresh Acute	2.	2	0	0.00				2	0	0.00						
	Drinking Water	0.2	2	0	0.00				2	0	0.00						
71850 NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	2	0	0.00				2	0	0.00						
71900 MERCURY, TOTAL	Fresh Acute	2.4	2	0	0.00				2	0	0.00						
	Drinking Water	2.	2	0	0.00				2	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0095

NPS Station ID: SAMO0095  
 Location: ARROYO SIMI NR SIMI CA  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070103  
 Major Basin:  
 Minor Basin:  
 RF1 Index: 18070103  
 RF3 Index: 18070105001106.70  
 Description:

LAT/LON: 34.273059/-118.786949

Depth of Water: 0  
 Elevation: 0  
 RF1 Mile Point: 0.000  
 RF3 Mile Point: 8.92

Agency: 112WRD  
 FIPS State/County: 06111 CALIFORNIA/VENTURA  
 STORET Station ID(s): 11105850  
 Within Park Boundary: No

Date Created: / /

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 2.00  
 Distance from RF3: 0.09

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: SAMO0095

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/20/69-03/21/78	26	14.	14.635	25.5	8.	13.831	3.719	10.5	12.	16.	20.
00060	FLOW, STREAM, MEAN DAILY CFS	09/23/68-08/03/71	16	1705.	2021.876	5210.	0.	3474225.792	1863.928	0.014	119.5	3720.	4685.
00061	FLOW, STREAM, INSTANTANEOUS CFS	12/22/71-03/21/78	26	95.5	261.233	1930.	0.05	189366.9	435.163	3.7	7.5	306.	860.8
70326	SUS SED FALL DIA(NATIVEWATER)% FINER THAN .002MM	12/28/74-12/28/74	1	40.	40.	40.	40.	0.	0.	**	**	**	**
70327	SUS SED FALL DIA(NATIVEWATER)% FINER THAN .004MM	12/28/74-12/28/74	1	53.	53.	53.	53.	0.	0.	**	**	**	**
70328	SUS SED FALL DIA(NATIVEWATER)% FINER THAN .008MM	12/28/74-12/28/74	1	61.	61.	61.	61.	0.	0.	**	**	**	**
70329	SUS SED FALL DIA(NATIVEWATER)% FINER THAN .016MM	12/28/74-12/28/74	1	67.	67.	67.	67.	0.	0.	**	**	**	**
70330	SUS SED FALL DIA(NATIVEWATER)% FINER THAN .031MM	12/28/74-12/28/74	1	69.	69.	69.	69.	0.	0.	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER.% FINER THAN .062MM	01/20/69-03/21/78	16	93.5	86.5	100.	49.	255.6	15.987	57.4	74.5	98.75	100.
70332	SUSPENDED SED SIEVE DIAMETER.% FINER THAN .125MM	01/20/69-03/21/78	13	95.	89.846	100.	59.	190.474	13.801	60.6	85.	98.5	99.6
70333	SUSPENDED SED SIEVE DIAMETER.% FINER THAN .250MM	01/20/69-03/21/78	12	99.	93.167	100.	66.	150.152	12.254	66.9	92.5	99.75	100.
70334	SUSPENDED SED SIEVE DIAMETER.% FINER THAN .500MM	01/20/69-01/16/78	9	99.	95.889	100.	77.	62.611	7.913	77.	94.	100.	100.
70335	SUSPENDED SED SIEVE DIAMETER.% FINER THAN 1.00MM	01/20/69-01/16/78	5	100.	98.2	100.	92.	12.2	3.493	**	**	**	**
70336	SUSPENDED SED SIEVE DIAMETER.% FINER THAN 2.00MM	01/20/69-01/16/78	2	99.5	99.5	100.	99.	0.5	0.707	**	**	**	**
70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	01/20/69-05/09/77	29	31.	35.966	65.	13.	232.892	15.261	17.	23.5	48.5	58.
70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	01/20/69-03/02/78	34	35.5	44.588	83.	18.	422.553	20.556	21.5	29.75	62.	78.
70339	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .008MM	01/20/69-03/02/78	34	46.	55.471	97.	23.	560.499	23.675	26.	37.	77.	91.
70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	01/20/69-03/02/78	34	62.5	67.059	99.	32.	480.299	21.916	37.5	51.5	92.	96.5
70341	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .031MM	01/20/69-03/02/78	34	76.5	76.588	100.	41.	353.643	18.805	50.	61.5	96.25	99.
70342	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .062MM	01/24/69-03/02/78	19	83.	80.474	98.	55.	175.263	13.239	60.	67.	92.	98.
70343	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .125MM	01/24/69-03/02/78	19	94.	90.474	99.	77.	63.708	7.982	78.	80.	97.	99.
70344	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .250MM	01/24/69-03/02/78	19	99.	97.316	100.	89.	11.228	3.351	91.	96.	100.	100.
70345	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .500MM	02/28/70-03/02/78	13	100.	99.538	100.	98.	0.436	0.66	98.4	99.	100.	100.
70346	SUS SED FALL DIA(DISTLD WATER)%FINER THAN 1.00MM	12/18/70-02/09/78	5	100.	100.	100.	100.	0.	0.	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	01/20/69-03/21/78	37	6340.	18787.676	67600.	91.	540848819.336	23256.157	597.6	1310.	42050.	59440.
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	01/20/69-03/21/78	37	3000.	127963.654	795000.	1.449784124817.966	223123.564	9.56	180.5	202500.	576600.	
80164	BED MATERIAL SIEVE DIAMETER.% FINER THAN .062MM	09/23/68-09/18/73	2	1.5	1.5	2.	1.	0.5	0.707	**	**	**	**
80165	BED MATERIAL SIEVE DIAMETER.% FINER THAN .125MM	09/23/68-09/30/75	4	1.	1.75	4.	1.	2.25	1.5	**	**	**	**
80166	BED MATERIAL SIEVE DIAMETER.% FINER THAN .250MM	09/23/68-09/30/75	5	4.	5.2	10.	3.	7.7	2.775	**	**	**	**
80167	BED MATERIAL SIEVE DIAMETER.% FINER THAN .500MM	09/23/68-09/30/75	5	29.	29.4	37.	23.	37.3	6.107	**	**	**	**
80168	BED MATERIAL SIEVE DIAMETER.% FINER THAN 1.00MM	09/23/68-09/30/75	5	72.	72.2	85.	62.	92.2	9.602	**	**	**	**
80169	BED MATERIAL SIEVE DIAMETER.% FINER THAN 2.00MM	09/23/68-09/30/75	5	89.	87.4	97.	78.	61.3	7.829	**	**	**	**
80170	BED MATERIAL SIEVE DIAMETER.% FINER THAN 4.00MM	09/23/68-09/30/75	5	94.	92.6	99.	87.	29.3	5.413	**	**	**	**
80171	BED MATERIAL SIEVE DIAMETER.% FINER THAN 8.00MM	09/23/68-09/30/75	5	97.	96.	100.	92.	11.5	3.391	**	**	**	**
80172	BED MATERIAL SIEVE DIAMETER.% FINER THAN 16.00MM	09/23/68-09/30/75	4	97.5	97.5	100.	95.	5.667	2.38	**	**	**	**
80173	BED MATERIAL SIEVE DIAMETER.% FINER THAN 32.00MM	09/23/68-09/30/75	3	100.	99.	100.	97.	3.	1.732	**	**	**	**
80174	BED MATERIAL SIEVE DIAMETER.% FINER THAN 64.00MM	09/30/75-09/30/75	1	100.	100.	100.	100.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

\*\*\*\*\* No EPA Water Quality Criteria exist to compare against the data at this station. \*\*\*\*\*

## Station Inventory for Station: SAMO0096

NPS Station ID: SAMO0096  
 Location: ARROYO SIMI @ MADERA ROAD BRIDGE  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070103  
 Major Basin: CALIFORNIA  
 Minor Basin: SANTA CLARA RIVER  
 RF1 Index: 18070103  
 RF3 Index: 18070103000500.56  
 Description:

LAT/LON: 34.277781/-118.794449

Depth of Water: 0  
 Elevation: 0  
 RF1 Mile Point: 0.000  
 RF3 Mile Point: 0.69

Agency: 21CAL-4  
 FIPS State/County: 06111 CALIFORNIA/VENTURA  
 STORET Station ID(s): WB0441640184740  
 Within Park Boundary: No

Date Created: 08/29/87

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 1.70  
 Distance from RF3: 0.02

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: SAMO0096

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	01/08/87-01/08/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	01/08/87-01/08/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
32104	BROMOFORM,WHOLE WATER,UG/L	01/08/87-01/08/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	01/08/87-01/08/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
32106	CHLOROFORM,WHOLE WATER,UG/L	01/08/87-01/08/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	01/08/87-01/08/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	01/08/87-01/08/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34301	CHLOROBENZENE TOTWUG/L	01/08/87-01/08/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34311	CHLOROETHANE TOTWUG/L	01/08/87-01/08/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34371	ETHYLBENZENE TOTWUG/L	01/08/87-01/08/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34413	METHYL BROMIDE TOTWUG/L	01/08/87-01/08/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34418	METHYL CHLORIDE TOTWUG/L	01/08/87-01/08/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	01/08/87-01/08/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	01/08/87-01/08/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	01/08/87-01/08/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34496	1,1-DICHLOROETHANE TOTWUG/L	01/08/87-01/08/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34501	1,1-DICHLOROETHYLENE TOTWUG/L	01/08/87-01/08/87	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	01/08/87-01/08/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	01/08/87-01/08/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	01/08/87-01/08/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34531	1,2-DICHLOROETHANE TOTWUG/L	01/08/87-01/08/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34536	1,2-DICHLOROBENZENE TOTWUG/L	01/08/87-01/08/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34541	1,2-DICHLOROPROPANE TOTWUG/L	01/08/87-01/08/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	01/08/87-01/08/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34566	1,3-DICHLOROBENZENE TOTWUG/L	01/08/87-01/08/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34571	1,4-DICHLOROBENZENE TOTWUG/L	01/08/87-01/08/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	01/08/87-01/08/87	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
34668	DICHLORODIFLUOROMETHANE TOTWUG/L	01/08/87-01/08/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	01/08/87-01/08/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	01/08/87-01/08/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	01/08/87-01/08/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	01/08/87-01/08/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	01/08/87-01/08/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
77128	STYRENE WHOLE WATER,UG/L	01/08/87-01/08/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	01/08/87-01/08/87	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
81596	METHYL-ISOBUTYL KETONE WHL WATER SMPL UG/L	01/08/87-01/08/87	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
81710	M-XYLENE IN THE WHOLE WATER SAMPLE MG/L	01/08/87-01/08/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
81711	O-XYLENE IN THE WHOLE WATER SAMPLE MG/L	01/08/87-01/08/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot



### EPA Water Quality Criteria Analysis for Station: SAMO0096

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
32101 BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00				1	0	0.00						
32102 CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	1	0	0.00				1	0	0.00						
	Drinking Water	5.	1	0	0.00				1	0	0.00						
32104 BROMOFORM, WHOLE WATER	Drinking Water	100.	1	0	0.00				1	0	0.00						
32105 DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00				1	0	0.00						
32106 CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	1	0	0.00				1	0	0.00						
	Drinking Water	100.	1	0	0.00				1	0	0.00						
34010 TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	1	0	0.00				1	0	0.00						
	Drinking Water	1000.	1	0	0.00				1	0	0.00						
34301 CHLOROBENZENE, TOTAL	Drinking Water	100.	1	0	0.00				1	0	0.00						
34371 ETHYLBENZENE, TOTAL	Fresh Acute	32000.	1	0	0.00				1	0	0.00						
	Drinking Water	700.	1	0	0.00				1	0	0.00						
34423 METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	1	0	0.00				1	0	0.00						
34475 TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	1	0	0.00				1	0	0.00						
	Drinking Water	5.	1	0	0.00				1	0	0.00						
34501 1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	1	0	0.00				1	0	0.00						
34506 1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	1	0	0.00				1	0	0.00						
34511 1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	1	0	0.00				1	0	0.00						
34531 1,2-DICHLOROETHANE, TOTAL	Fresh Acute	118000.	1	0	0.00				1	0	0.00						
	Drinking Water	5.	1	0	0.00				1	0	0.00						
34536 1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00				1	0	0.00						
34541 1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	1	0	0.00				1	0	0.00						
34546 TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	1	0	0.00				1	0	0.00						
34566 1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00				1	0	0.00						
34571 1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	1	0	0.00				1	0	0.00						
39175 VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	1	0	0.00				1	0	0.00						
39180 TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	1	0	0.00				1	0	0.00						
	Drinking Water	5.	1	0	0.00				1	0	0.00						
77093 CIS-1,2-DICHLOROETHYLENE, WHOLE WATER	Drinking Water	70.	1	0	0.00				1	0	0.00						
77128 STYRENE, WHOLE WATER	Drinking Water	100.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0097

NPS Station ID: SAMO0097  
 Location: ARROYO SIMI NEAR SIMI  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:

LAT/LON: 34.276670/-118.795004

Agency: 21CAL-1  
 FIPS State/County: 06111 CALIFORNIA/VENTURA  
 STORET Station ID(s): Z4148000 /4036703  
 Within Park Boundary: No

Date Created: 08/27/76

RMI-Miles:  
 HUC: 18070103  
 Major Basin: LOS ANGELES AREA  
 Minor Basin: CALLEGUAS-CONEJO CREEKS  
 RF1 Index: 18070103006  
 RF3 Index: 18070103024100.00

Depth of Water: 0  
 Elevation: 0  
 RF1 Mile Point: 4.480  
 RF3 Mile Point: 0.04

Aquifer:  
 Water Body ID:  
 ECO Region:  
 Distance from RF1: 0.00  
 Distance from RF3: 0.03

On/Off RF1: OFF  
 On/Off RF3:

Description:  
 SURFACE WATER STATION; DATA MANAGER CODE: 3; AREAL CODE: ; BEGINNING OF RECORD: . ; ELEVATION: 720 ;  
 STATION NAME: ARROYO SIMI NEAR SIMI ; DWR COUNTY CODE: 56; LATITUDE: 341636; LONGITUDE: 1184742;  
 CALIFORNIA COORDINATES:

### Parameter Inventory for Station: SAMO0097

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/27/56-01/27/56	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/08/52-08/17/77	12	57.5	59.667	77.	50.	83.515	9.139	50.6	52.	66.25	76.4
00061 FLOW, STREAM, INSTANTANEOUS CFS	03/07/52-08/17/77	10	2.5	43.51	213.	0.1	7399.021	86.018	0.11	0.275	57.5	211.7
00065 STAGE, STREAM (FEET)	01/13/57-08/17/77	12	0.54	0.648	1.35	0.12	0.121	0.348	0.207	0.463	0.92	1.29
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/31/67-01/31/67	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/07/52-08/17/77	18	992.5	1394.889	6757.	380.	2222216.575	1490.71	380.	509.25	1658.25	2937.4
00403 PH, LAB, STANDARD UNITS SU	03/07/52-08/17/77	18	7.55	7.461	8.1	6.8	0.101	0.318	6.98	7.275	7.6	7.83
00403 CONVERTED PH, LAB, STANDARD UNITS	03/07/52-08/17/77	18	7.547	7.345	8.1	6.8	0.116	0.34	6.98	7.275	7.6	7.83
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/07/52-08/17/77	18	0.028	0.045	0.158	0.008	0.001	0.038	0.015	0.025	0.053	0.106
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	03/07/52-08/17/77	19	107.	144.789	400.	57.	8739.287	93.484	73.	85.	176.	355.
00515 RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	08/17/77-08/17/77	1	325.	325.	325.	325.	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	03/07/52-08/17/77	18	444.	668.778	3226.	145.	516327.595	718.559	145.9	210.	875.5	1371.1
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	03/07/52-08/17/77	18	132.	184.667	679.	39.	24996.706	158.103	47.1	61.25	272.75	375.7
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	03/07/52-08/17/77	18	27.5	49.078	372.	3.6	6983.047	83.565	5.76	11.825	51.25	104.7
00930 SODIUM, DISSOLVED (MG/L AS Na)	03/07/52-08/17/77	18	33.	101.722	925.	10.	44280.683	210.43	15.4	22.75	99.	259.9
00935 POTASSIUM, DISSOLVED (MG/L AS K)	04/16/52-08/17/77	16	5.4	9.506	41.	2.	108.902	10.436	2.49	4.05	9.825	29.8
00941 CHLORIDE, DISSOLVED IN WATER MG/L	03/07/52-08/17/77	19	30.	129.579	820.	7.	49052.146	221.477	7.	10.	100.	565.
00946 SULFATE, DISSOLVED (MG/L AS SO4)	03/07/52-08/17/77	17	290.	416.235	1063.	27.	118826.316	344.712	63.8	99.	737.5	972.6
00950 FLUORIDE, DISSOLVED (MG/L AS F)	02/04/58-08/17/77	13	0.4	0.485	0.8	0.	0.058	0.241	0.12	0.35	0.75	0.8
00955 SILICA, DISSOLVED (MG/L AS SiO2)	02/04/58-11/20/63	10	11.	13.	24.	7.	28.	5.292	7.2	9.75	16.25	23.6
01020 BORON, DISSOLVED (UG/L AS B)	03/07/52-08/17/77	18	320.	594.444	4080.	0.	848355.556	921.062	90.	142.5	642.5	1398.
01045 IRON, TOTAL (UG/L AS Fe)	08/17/77-08/17/77	1	400.	400.	400.	400.	0.	0.	**	**	**	**
01055 MANGANESE, TOTAL (UG/L AS MN)	08/17/77-08/17/77	1	200.	200.	200.	200.	0.	0.	**	**	**	**
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/07/52-01/31/67	16	755.5	915.75	1984.	232.	363007.533	602.501	234.8	408.5	1451.	1951.8
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	03/07/52-08/17/77	18	3.9	5.956	15.	0.	25.499	5.05	1.62	2.375	10.025	15.

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0097

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	50.	1	0	0.00				1	0	0.00						
00403	PH, LAB	9.	18	0	0.00	2	0	0.00	12	0	0.00	4	0	0.00			
	Other-Hi Lim.	6.5	18	0	0.00	2	0	0.00	12	0	0.00	4	0	0.00			
	Other-Lo Lim.																
00941	CHLORIDE, DISSOLVED IN WATER	860.	19	0	0.00	2	0	0.00	12	0	0.00	5	0	0.00			
	Fresh Acute																
	Drinking Water	250.	19	3	0.16	2	0	0.00	12	0	0.00	5	3	0.60			
00946	SULFATE, DISSOLVED (AS SO4)	250.	17	9	0.53	2	0	0.00	12	7	0.58	3	2	0.67			
00950	FLUORIDE, DISSOLVED AS F	4.	13	0	0.00	2	0	0.00	10	0	0.00	1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	44.	18	0	0.00	2	0	0.00	12	0	0.00	4	0	0.00			
	Drinking Water																

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### Seasonal Analysis for Season #1: 6/01 to 10/31 - Station SAMO0097

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/07/52-01/31/67	1	232.	232.	232.	232.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #2: 11/01 to 2/29 - Station SAMO0097

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/07/52-01/31/67	12	713.5	944.333	1984.	236.	420135.152	648.178	247.4	408.5	1505.	1970.2

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #3: 3/01 to 5/31 - Station SAMO0097

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/07/52-01/31/67	3	956.	1029.333	1453.	679.	153802.333	392.176	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

## Station Inventory for Station: SAMO0098

NPS Station ID: SAMO0098  
 Location: ARROYO SIMI AT MADERA RD BRIDGE NR SIMI CA  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC:  
 Major Basin:  
 Minor Basin:  
 RF1 Index:  
 RF3 Index: 18070104000308.37  
 Description:

LAT/LON: 34.277781/-118.795837

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 12.39

Agency: 112WRD  
 FIPS State/County: 06111 CALIFORNIA/VENTURA  
 STORET Station ID(s): 341640118474502  
 Within Park Boundary: No

Date Created: 01/08/94

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 0.00  
 Distance from RF3: 0.04

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: SAMO0098

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/93-09/02/93	1	27.	27.	27.	27.	0.	0.	**	**	**	**
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/02/93-09/02/93	1	29.5	29.5	29.5	29.5	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	09/02/93-09/02/93	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/93-09/02/93	1	2360.	2360.	2360.	2360.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	09/02/93-09/02/93	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	09/02/93-09/02/93	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/02/93-09/02/93	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	09/02/93-09/02/93	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	09/02/93-09/02/93	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/02/93-09/02/93	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00608 NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/02/93-09/02/93	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00613 NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/02/93-09/02/93	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00623 NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	09/02/93-09/02/93	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00631 NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/02/93-09/02/93	1	4.5	4.5	4.5	4.5	0.	0.	**	**	**	**
00666 PHOSPHORUS, DISSOLVED (MG/L AS P)	09/02/93-09/02/93	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00671 PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/02/93-09/02/93	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS CA)	09/02/93-09/02/93	1	260.	260.	260.	260.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	09/02/93-09/02/93	1	96.	96.	96.	96.	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS NA)	09/02/93-09/02/93	1	220.	220.	220.	220.	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	09/02/93-09/02/93	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	09/02/93-09/02/93	1	180.	180.	180.	180.	0.	0.	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	09/02/93-09/02/93	1	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	09/02/93-09/02/93	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SI02)	09/02/93-09/02/93	1	38.	38.	38.	38.	0.	0.	**	**	**	**
01000 ARSENIC, DISSOLVED (UG/L AS AS)	09/02/93-09/02/93	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01005 BARIUM, DISSOLVED (UG/L AS BA)	09/02/93-09/02/93	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01046 IRON, DISSOLVED (UG/L AS FE)	09/02/93-09/02/93	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01056 MANGANESE, DISSOLVED (UG/L AS MN)	09/02/93-09/02/93	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01080 STRONTIUM, DISSOLVED (UG/L AS SR)	09/02/93-09/02/93	1	2400.	2400.	2400.	2400.	0.	0.	**	**	**	**
39036 ALKALINITY, FILTERED SAMPLE AS CaCO3 MG/L	09/02/93-09/02/93	1	240.	240.	240.	240.	0.	0.	**	**	**	**
39086 ALKALINITY, WATER, DISS, INCR TIT, FIELD, AS CaCO3, MG/L	09/02/93-09/02/93	1	240.	240.	240.	240.	0.	0.	**	**	**	**
70300 RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	09/02/93-09/02/93	1	1570.	1570.	1570.	1570.	0.	0.	**	**	**	**
71865 IODIDE (MG/L AS I)	09/02/93-09/02/93	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
71870 BROMIDE (MG/L AS BR)	09/02/93-09/02/93	1	0.39	0.39	0.39	0.39	0.	0.	**	**	**	**
82082 DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	09/02/93-09/02/93	1	-42.8	-42.8	-42.8	-42.8	0.	0.	**	**	**	**
82085 OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	09/02/93-09/02/93	1	-6.16	-6.16	-6.16	-6.16	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0098

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	1	1.00	1	1	1.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: SAMO0099

NPS Station ID: SAMO0099

Location: SURFACE DR TO ARROYO SIMI A BR249

Station Type: /TYP/A/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 18070103

Major Basin: LOS ANGELES AREA

Minor Basin: CALLEGUAS-CONEJO CREEKS

RF1 Index: 18070103006

RF3 Index: 18070103005800.00

Description:

SURFACE WATER STATION; DATA MANAGER CODE: 3; AREAL CODE: ; BEGINNING OF RECORD: . ; ELEVATION: 750 ;

STATION NAME: SURFACE DR TO ARROYO SIMI A BR249;

CALIFORNIA COORDINATES:

LAT/LON: 34.273892/-118.800004

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 4.090

RF3 Mile Point: 0.01

Agency: 21CAL-1

FIPS State/County: 06111 CALIFORNIA/VENTURA

STORET Station ID(s): Z4147010 /4036702

Within Park Boundary: No

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.00

Distance from RF3: 0.02

Date Created: 08/27/76

On/Off RF1: OFF

On/Off RF3:

Parameter Inventory for Station: SAMO0099

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/08/52-04/16/52	2	59.	59.	59.	59.	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	04/08/52-04/16/52	2	0.2	0.2	0.3	0.1	0.02	0.141	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	04/08/52-04/16/52	2	377.	377.	383.	371.	72.	8.485	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	04/08/52-04/16/52	2	329.	329.	340.	318.	242.	15.556	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: SAMO0099

Parameter	Std. Type	Std. Value	Total		Exceed	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
			Obs	Standard			Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00941 CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	2		0	0.00							2	0	0.00			
	Drinking Water	250.	2		2	1.00							2	2	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0100

NPS Station ID: SAMO0100 Location: UNNAMED TRIB TO ARROYO SIMI E/OAK Station Type: /TYPA/AMBNT/STREAM RMI-Indexes: RMI-Miles: HUC: 18070103 Major Basin: LOS ANGELES AREA Minor Basin: CALLEGUAS-CONEJO CREEKS RF1 Index: 18070103006 RF3 Index: 18070103000505.80 Description: SURFACE WATER STATION; DATA MANAGER CODE: 3; AREAL CODE: ; BEGINNING OF RECORD: . ; ELEVATION: 690 ; STATION NAME: UNNAMED TRIB TO ARROYO SIMI E/OAK; CALIFORNIA COORDINATES:	LAT/LON: 34.285281/-118.805005          Depth of Water: 0 Elevation: 0  RF1 Mile Point: 3.410 RF3 Mile Point: 6.01	Agency: 21CAL-1 FIPS State/County: 06111 CALIFORNIA/VENTURA STORET Station ID(s): Z4146010 /4036701 Within Park Boundary: No  Aquifer: Water Body Id: ECO Region: Distance from RF1: 0.00 Distance from RF3: 0.02
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Date Created: 08/27/76

On/Off RF1: OFF  
On/Off RF3:

### Parameter Inventory for Station: SAMO0100

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	03/23/64-03/23/64	1	56.	56.	56.	56.	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	03/23/64-03/23/64	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/23/64-03/23/64	1	466.	466.	466.	466.	0.	0.	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	03/23/64-03/23/64	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	03/23/64-03/23/64	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/23/64-03/23/64	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	03/23/64-03/23/64	1	154.	154.	154.	154.	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	03/23/64-03/23/64	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	03/23/64-03/23/64	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	03/23/64-03/23/64	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	03/23/64-03/23/64	1	109.	109.	109.	109.	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	03/23/64-03/23/64	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	03/23/64-03/23/64	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	03/23/64-03/23/64	1	46.	46.	46.	46.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	03/23/64-03/23/64	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	03/23/64-03/23/64	1	17.	17.	17.	17.	0.	0.	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	03/23/64-03/23/64	1	190.	190.	190.	190.	0.	0.	**	**	**	**
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/23/64-03/23/64	1	310.	310.	310.	310.	0.	0.	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	03/23/64-03/23/64	1	24.	24.	24.	24.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0100

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
00403 PH, LAB	Other-Hi Lim.	9.	1	0	0.00	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
	Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
												1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



### EPA Water Quality Criteria Analysis for Station: SAMO0100

Parameter	Std. Type	Std. Value	Total			-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
			Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00941 CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
	Drinking Water	250.	1	0	0.00							1	0	0.00			
00946 SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
	Drinking Water	4.	1	0	0.00							1	0	0.00			
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00							1	0	0.00			
71851 NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0101

NPS Station ID: SAMO0101  
 Location: DUME CREEK AT ZUMA BEACH  
 Station Type: /TYPA/AMBNT/STREAM/RUNOFF/NONPNT  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070104  
 Major Basin: CALIFORNIA  
 Minor Basin: LOS ANGELES  
 RF1 Index: 18070104  
 RF3 Index: 18070104000800.00  
 Description:

LAT/LON: 34.000559/-118.805559

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 0.52

Agency: 21CALAFD  
 FIPS State/County: 06037 CALIFORNIA/LOS ANGELES  
 STORET Station ID(s): DUMZUM  
 Within Park Boundary: Yes

Date Created: 12/27/88

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 1.60  
 Distance from RF3: 0.01

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: SAMO0101

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	05/11/88-02/09/89	4	55.5	58.	72.	49.	110.	10.488	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/11/88-02/09/89	4	260.5	298.25	515.	157.	26298.25	162.167	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	02/09/89-02/09/89	1	6.	6.	6.	0.	0.	0.	**	**	**
00403	PH, LAB, STANDARD UNITS SU	05/11/88-02/09/89	4	7.15	7.15	7.6	6.7	0.15	0.387	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	05/11/88-02/09/89	4	7.125	7.028	7.6	6.7	0.17	0.412	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/11/88-02/09/89	4	0.075	0.094	0.2	0.025	0.006	0.077	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	05/11/88-02/09/89	4	69.5	72.5	111.	40.	1189.667	34.492	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/11/88-02/09/89	3	0.31	0.34	0.44	0.27	0.008	0.089	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/11/88-02/09/89	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/11/88-02/09/89	3	0.47	0.46	0.86	0.05	0.164	0.405	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	12/15/88-02/09/89	2	8.9	8.9	10.4	7.4	4.5	2.121	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/11/88-02/09/89	4	84.5	91.25	143.	53.	1810.917	42.555	**	**	**
00916	CALCIUM, TOTAL (MG/L AS Ca)	05/11/88-02/09/89	4	21.4	21.7	31.	13.	75.027	8.662	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	05/11/88-02/09/89	4	7.45	8.95	16.	4.9	27.87	5.279	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	05/11/88-02/09/89	4	16.	25.975	62.	9.9	591.069	24.312	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	05/11/88-02/09/89	4	5.875	5.635	6.5	4.29	0.925	0.962	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	05/11/88-02/09/89	4	27.	39.5	92.	12.	1317.667	36.3	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/11/88-02/09/89	4	15.5	24.75	65.	3.	754.917	27.476	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	05/11/88-02/09/89	4	0.195	0.185	0.26	0.09	0.005	0.071	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	02/09/89-02/09/89	1	6.	6.	6.	0.	0.	0.	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	02/09/89-02/09/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	02/09/89-02/09/89	1	90.	90.	90.	90.	0.	0.	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	02/09/89-02/09/89	1	20.	20.	20.	20.	0.	0.	**	**	**
01022	BORON, TOTAL (UG/L AS B)	06/16/88-02/09/89	2	300.	300.	570.	30.	145800.	381.838	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	02/09/89-02/09/89	1 ##	5.	5.	5.	5.	0.	0.	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	02/09/89-02/09/89	1 ##	5.	5.	5.	5.	0.	0.	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	02/09/89-02/09/89	1 ##	15.	15.	15.	15.	0.	0.	**	**	**
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	02/09/89-02/09/89	1 ##	10.	10.	10.	10.	0.	0.	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/09/89-02/09/89	1 ##	15.	15.	15.	15.	0.	0.	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	02/09/89-02/09/89	1	20.	20.	20.	20.	0.	0.	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	02/09/89-02/09/89	1	10.	10.	10.	10.	0.	0.	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	02/09/89-02/09/89	1	290.	290.	290.	290.	0.	0.	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	02/09/89-02/09/89	1	10000.	10000.	10000.	10000.	0.	0.	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	02/09/89-02/09/89	1	50.	50.	50.	50.	0.	0.	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	02/09/89-02/09/89	1 ##	5.	5.	5.	5.	0.	0.	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	02/09/89-02/09/89	1	20.	20.	20.	20.	0.	0.	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	02/09/89-02/09/89	1	100.	100.	100.	100.	0.	0.	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	02/09/89-02/09/89	1	20.	20.	20.	20.	0.	0.	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: SAMO0101

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01067 NICKEL, TOTAL (UG/L AS NI)	02/09/89-02/09/89	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01075 SILVER, DISSOLVED (UG/L AS AG)	02/09/89-02/09/89	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01077 SILVER, TOTAL (UG/L AS AG)	02/09/89-02/09/89	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01090 ZINC, DISSOLVED (UG/L AS ZN)	02/09/89-02/09/89	1	100.	100.	100.	100.	0.	0.	**	**	**	**
01092 ZINC, TOTAL (UG/L AS ZN)	02/09/89-02/09/89	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01145 SELENIUM, DISSOLVED (UG/L AS SE)	02/09/89-02/09/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01147 SELENIUM, TOTAL (UG/L AS SE)	02/09/89-02/09/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01220 CHROMIUM, HEXAVALENT, DISSOLVED IN (UG/L AS CR)	02/09/89-02/09/89	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
31503 COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	05/11/88-02/09/89	3	75.	3715.	11000.	70.	39803425.	6308.996	**	**	**	**
31503 LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	05/11/88-02/09/89	3	1.875	2.587	4.041	1.845	1.586	1.259	**	**	**	**
31503 GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			386.531								
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/11/88-02/09/89	3	75.	2363.333	7000.	15.	16124908.333	4015.583	**	**	**	**
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/11/88-02/09/89	3	1.875	2.299	3.845	1.176	1.916	1.384	**	**	**	**
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			198.953								
31673 FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/11/88-02/09/89	3 ##	50.	5533.333	16500.	50.	90200833.333	9497.412	**	**	**	**
31673 LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/11/88-02/09/89	3 ##	1.699	2.538	4.217	1.699	2.114	1.454	**	**	**	**
31673 GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			345.521								
34253 A-BHC-ALPHA DISSUG/L	02/09/89-02/09/89	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34352 ENDOSULFAN SULFATE DISSUG/L	02/09/89-02/09/89	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34357 ENDOSULFAN, BETA DISSUG/L	02/09/89-02/09/89	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34362 ENDOSULFAN, ALPHA DISSUG/L	02/09/89-02/09/89	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34672 PCB - 1016 DISSUG/L	02/09/89-02/09/89	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39300 P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	02/09/89-02/09/89	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39310 P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	02/09/89-02/09/89	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39330 ALDRIN IN WHOLE WATER SAMPLE (UG/L)	02/09/89-02/09/89	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39338 BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	02/09/89-02/09/89	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39352 CHLORDANE(TECH MIX & METABS),DISSOLVED,UG/L	02/09/89-02/09/89	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39380 DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	02/09/89-02/09/89	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39390 ENDRIN IN WHOLE WATER SAMPLE (UG/L)	02/09/89-02/09/89	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39400 TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	02/09/89-02/09/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39410 HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	02/09/89-02/09/89	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39420 HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	02/09/89-02/09/89	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39488 PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	02/09/89-02/09/89	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39492 PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	02/09/89-02/09/89	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39496 PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	02/09/89-02/09/89	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39500 PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	02/09/89-02/09/89	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39504 PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	02/09/89-02/09/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39508 PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	02/09/89-02/09/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39782 LINDANE IN WHOLE WATER SAMPLE (UG/L)	02/09/89-02/09/89	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
45501 HYDROCARBON IN WATER, FREON EXT, CHROMAT, IR MG/L	06/16/88-02/09/89	2 ##	1.75	1.75	2.6	0.9	1.445	1.202	**	**	**	**
46323 DELTA-BHC IN WHOLE WATER SMAPLE (UG/L)	02/09/89-02/09/89	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/11/88-02/09/89	4	156.5	201.	365.	126.	12594.	112.223	**	**	**	**
70507 PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/11/88-02/09/89	3	0.29	1.3	3.57	0.04	3.88	1.97	**	**	**	**
71850 NITRATE NITROGEN,TOTAL (MG/L AS NO3)	02/09/89-02/09/89	1	3.8	3.8	3.8	3.8	0.	0.	**	**	**	**
71890 MERCURY, DISSOLVED (UG/L AS HG)	02/09/89-02/09/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71900 MERCURY, TOTAL (UG/L AS HG)	02/09/89-02/09/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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### EPA Water Quality Criteria Analysis for Station: SAMO0101

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
00403 PH, LAB	Other-Hi Lim.	9.	4	0	0.00	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
	Other-Lo Lim.	6.5	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
00615 NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
00620 NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
00940 CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
	Drinking Water	250.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### EPA Water Quality Criteria Analysis for Station: SAMO0101

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
00951 FLUORIDE, TOTAL AS F	Drinking Water	4.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
01000 ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00				1	0	0.00						
	Drinking Water	50.	1	0	0.00				1	0	0.00						
01002 ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00				1	0	0.00						
	Drinking Water	50.	1	0	0.00				1	0	0.00						
01005 BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00				1	0	0.00						
01007 BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00				1	0	0.00						
01025 CADMIUM, DISSOLVED	Fresh Acute	3.9	0 &	0	0.00												
	Drinking Water	5.	0 &	0	0.00												
01027 CADMIUM, TOTAL	Fresh Acute	3.9	0 &	0	0.00												
	Drinking Water	5.	0 &	0	0.00												
01030 CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00				1	0	0.00						
01032 CHROMIUM, HEXAVALENT	Fresh Acute	16.	1	0	0.00				1	0	0.00						
	Drinking Water	100.	1	0	0.00				1	0	0.00						
01034 CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00				1	0	0.00						
01040 COPPER, DISSOLVED	Fresh Acute	18.	1	1	1.00				1	1	1.00						
	Drinking Water	1300.	1	0	0.00				1	0	0.00						
01042 COPPER, TOTAL	Fresh Acute	18.	1	0	0.00				1	0	0.00						
	Drinking Water	1300.	1	0	0.00				1	0	0.00						
01049 LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00				1	0	0.00						
	Drinking Water	15.	1	1	1.00				1	1	1.00						
01051 LEAD, TOTAL	Fresh Acute	82.	1	0	0.00				1	0	0.00						
	Drinking Water	15.	1	0	0.00				1	0	0.00						
01065 NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00				1	0	0.00						
	Drinking Water	100.	1	0	0.00				1	0	0.00						
01067 NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00				1	0	0.00						
	Drinking Water	100.	1	0	0.00				1	0	0.00						
01075 SILVER, DISSOLVED	Fresh Acute	4.1	0 &	0	0.00												
	Drinking Water	100.	1	0	0.00				1	0	0.00						
01077 SILVER, TOTAL	Fresh Acute	4.1	0 &	0	0.00												
	Drinking Water	100.	1	0	0.00				1	0	0.00						
01090 ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00				1	0	0.00						
	Drinking Water	5000.	1	0	0.00				1	0	0.00						
01092 ZINC, TOTAL	Fresh Acute	120.	1	0	0.00				1	0	0.00						
	Drinking Water	5000.	1	0	0.00				1	0	0.00						
01145 SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00				1	0	0.00						
	Drinking Water	50.	1	0	0.00				1	0	0.00						
01147 SELENIUM, TOTAL	Fresh Acute	20.	1	0	0.00				1	0	0.00						
	Drinking Water	50.	1	0	0.00				1	0	0.00						
01220 CHROMIUM, HEXAVALENT, DISSOLVED	Fresh Acute	16.	1	0	0.00				1	0	0.00						
	Drinking Water	100.	1	0	0.00				1	0	0.00						
31503 COLIFORM, TOTAL, MEMBRANE FILTER, DELAY.	Other-Hi Lim.	1000.	3	1	0.33	1	0	0.00	1	1	1.00	1	0	0.00			
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	3	1	0.33	1	0	0.00	1	1	1.00	1	0	0.00			
34357 ENDOSULFAN, BETA, DISSOLVED	Fresh Acute	0.22	1	0	0.00				1	0	0.00						
34362 ENDOSULFAN, ALPHA, DISSOLVED	Fresh Acute	0.22	1	0	0.00				1	0	0.00						
39300 P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	1	0	0.00				1	0	0.00						
39310 P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	1	0	0.00				1	0	0.00						
39330 ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	1	0	0.00				1	0	0.00						
39352 CHLORDANE(TECH MIX & METABS), DISSOLVED	Fresh Acute	2.4	1	0	0.00				1	0	0.00						
	Drinking Water	2.	1	0	0.00				1	0	0.00						
39380 DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	1	0	0.00				1	0	0.00						
39390 ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	1	0	0.00				1	0	0.00						
	Drinking Water	2.	1	0	0.00				1	0	0.00						
39400 TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	1	0	0.00				1	0	0.00						
	Drinking Water	3.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### EPA Water Quality Criteria Analysis for Station: SAMO0101

Parameter	Std. Type	Std. Value	Total			-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
			Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	1	0	0.00			1	0	0.00						
		Drinking Water	0.4	1	0	0.00			1	0	0.00						
39782	LINDANE IN WHOLE WATER SAMPLE	Fresh Acute	2.	1	0	0.00			1	0	0.00						
		Drinking Water	0.2	1	0	0.00			1	0	0.00						
71850	NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	1	0	0.00			1	0	0.00						
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	1	0	0.00			1	0	0.00						
		Drinking Water	2.	1	0	0.00			1	0	0.00						
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00			1	0	0.00						
		Drinking Water	2.	1	0	0.00			1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0102

NPS Station ID: SAMO0102  
 Location: ARROYO SIMI UPST WWTP CA  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC:  
 Major Basin:  
 Minor Basin:  
 RF1 Index:  
 RF3 Index: 18070103028100.00  
 Description:

LAT/LON: 34.282503/-118.810559

Depth of Water: 0  
 Elevation: 0  
 RF1 Mile Point: 0.000  
 RF3 Mile Point: 0.15

Agency: 112WRD  
 FIPS State/County: 06111 CALIFORNIA/VENTURA  
 STORET Station ID(s): 341657118483801  
 Within Park Boundary: No

Date Created: 10/27/90

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 2.10  
 Distance from RF3: 0.02

On/Off RF1:  
 On/Off RF3:

### Parameter Inventory for Station: SAMO0102

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/90-08/31/93	3	21.5	23.833	30.	20.	29.083	5.393	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/23/90-08/31/93	3	32.	32.167	38.5	26.	39.083	6.252	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/23/90-08/31/93	3	4.	4.667	6.	4.	1.333	1.155	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/23/90-08/31/93	3	2530.	2520.	2680.	2350.	27300.	165.227	**	**	**
00400	PH (STANDARD UNITS)	05/23/90-08/31/93	3	8.2	8.167	8.3	8.	0.023	0.153	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/23/90-08/31/93	3	8.2	8.148	8.3	8.	0.024	0.154	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/90-08/31/93	3	0.006	0.007	0.01	0.005	0.	0.003	**	**	**
00403	PH, LAB, STANDARD UNITS SU	05/23/90-09/05/90	2	8.05	8.05	8.1	8.	0.005	0.071	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	05/23/90-09/05/90	2	8.047	8.047	8.1	8.	0.005	0.071	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/90-09/05/90	2	0.009	0.009	0.01	0.008	0.	0.001	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	05/23/90-05/23/90	1	262.	262.	262.	262.	0.	0.	**	**	**
00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	05/23/90-05/23/90	1	263.	263.	263.	263.	0.	0.	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/23/90-08/31/93	3	0.04	0.043	0.06	0.03	0.	0.015	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/31/93-08/31/93	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	05/23/90-08/31/93	3	0.6	0.6	0.8	0.4	0.04	0.2	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/23/90-08/31/93	3	2.6	2.833	3.4	2.5	0.243	0.493	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/23/90-08/31/93	3	0.09	0.123	0.23	0.05	0.009	0.095	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/23/90-08/31/93	3	0.03	0.027	0.04	0.01	0.	0.015	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	05/23/90-09/05/90	2	240.	240.	240.	240.	0.	0.	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/23/90-09/05/90	2	96.	96.	100.	92.	32.	5.657	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	05/23/90-09/05/90	2	230.	230.	240.	220.	200.	14.142	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/23/90-09/05/90	2	5.6	5.6	5.7	5.5	0.02	0.141	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/23/90-08/31/93	3	190.	193.333	210.	180.	233.333	15.275	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/23/90-09/05/90	2	965.	965.	1000.	930.	2450.	49.497	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/23/90-09/05/90	2	0.7	0.7	1.	0.4	0.18	0.424	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	05/23/90-09/05/90	2	36.	36.	37.	35.	2.	1.414	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS Ba)	05/23/90-09/05/90	2 ##	50.	50.	50.	50.	0.	0.	**	**	**
01046	IRON, DISSOLVED (UG/L AS Fe)	05/23/90-09/05/90	2	30.	30.	30.	30.	0.	0.	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS Mn)	05/23/90-09/05/90	2	45.	45.	50.	40.	50.	7.071	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS Al)	09/05/90-09/05/90	1	30.	30.	30.	30.	0.	0.	**	**	**
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	09/05/90-09/05/90	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**
39036	ALKALINITY,FILTERED SAMPLE AS CaCO3 MG/L	09/05/90-08/31/93	2	247.5	247.5	289.	206.	3444.5	58.69	**	**	**
39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CaCO3,MG/L	09/05/90-08/31/93	2	248.5	248.5	289.	208.	3280.5	57.276	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/23/90-09/05/90	2	1920.	1920.	1960.	1880.	3200.	56.569	**	**	**
71865	IODIDE (MG/L AS I)	05/23/90-09/05/90	2	0.095	0.095	0.1	0.09	0.	0.007	**	**	**
71870	BROMIDE (MG/L AS BR)	05/23/90-08/31/93	3	0.88	0.8	1.1	0.42	0.12	0.347	**	**	**
82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	05/23/90-08/31/93	3	-42.5	-43.133	-41.9	-45.	2.703	1.644	**	**	**
82084	NITROGEN-15/NITROGEN-14 STABLE ISOTOPE RATIO/MIL	09/05/90-09/05/90	1	10.9	10.9	10.9	10.9	0.	0.	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: SAMO0102

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82085 OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	05/23/90-08/31/93	3	-6.2	-6.313	-6.19	-6.55	0.042	0.205	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0102

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
00400 PH	Other-Hi Lim.	9.	3	0	0.00	2	0	0.00				1	0	0.00			
	Other-Lo Lim.	6.5	3	0	0.00	2	0	0.00				1	0	0.00			
00403 PH, LAB	Other-Hi Lim.	9.	2	0	0.00	1	0	0.00				1	0	0.00			
	Other-Lo Lim.	6.5	2	0	0.00	1	0	0.00				1	0	0.00			
00613 NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00631 NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	3	0	0.00	2	0	0.00				1	0	0.00			
00940 CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	3	0	0.00	2	0	0.00				1	0	0.00			
	Drinking Water	250.	3	0	0.00	2	0	0.00				1	0	0.00			
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	2	1.00	1	1	1.00				1	1	1.00			
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00	1	0	0.00				1	0	0.00			
01005 BARIUM, DISSOLVED	Drinking Water	2000.	2	0	0.00	1	0	0.00				1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0103

NPS Station ID: SAMO0103  
 Location: SIMI VALLEY WWTP  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC:  
 Major Basin:  
 Minor Basin:  
 RF1 Index:  
 RF3 Index: 18070105009100.00  
 Description:

LAT/LON: 34.282503/-118.811392

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 0.00

Agency: 112WRD  
 FIPS State/County: 06111 CALIFORNIA/VENTURA  
 STORET Station ID(s): 341657118484101  
 Within Park Boundary: No

Date Created: 11/24/90

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 16.40  
 Distance from RF3: 0.36

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: SAMO0103

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/90-08/31/93	3	26.5	26.333	28.5	24.	5.083	2.255	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/23/90-08/31/93	3	27.5	27.833	30.	26.	4.083	2.021	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/23/90-08/31/93	3	13.	13.333	14.	13.	0.333	0.577	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/23/90-08/31/93	3	1310.	1280.	1330.	1200.	4900.	70.	**	**	**
00400	PH (STANDARD UNITS)	05/23/90-08/31/93	3	6.87	6.857	6.9	6.8	0.003	0.051	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/23/90-08/31/93	3	6.87	6.855	6.9	6.8	0.003	0.051	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/90-08/31/93	3	0.135	0.14	0.158	0.126	0.	0.017	**	**	**
00403	PH, LAB, STANDARD UNITS SU	05/23/90-08/31/93	3	6.9	6.933	7.1	6.8	0.023	0.153	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	05/23/90-08/31/93	3	6.9	6.916	7.1	6.8	0.024	0.154	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/90-08/31/93	3	0.126	0.121	0.158	0.079	0.002	0.04	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	05/23/90-05/23/90	1	203.	203.	203.	203.	0.	0.	**	**	**
00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	05/23/90-05/23/90	1	202.	202.	202.	202.	0.	0.	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/23/90-08/31/93	3	18.	14.933	26.	0.8	165.813	12.877	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	05/23/90-08/31/93	3	27.	27.333	29.	26.	2.333	1.528	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/23/90-08/31/93	3	0.3	1.267	3.4	0.1	3.423	1.85	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/23/90-08/31/93	3	5.2	5.667	7.6	4.2	3.053	1.747	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/23/90-08/31/93	3	3.8	4.6	6.3	3.7	2.17	1.473	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	05/23/90-08/31/93	3	37.	45.	65.	33.	304.	17.436	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/23/90-08/31/93	3	21.	23.	29.	19.	28.	5.292	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	05/23/90-08/31/93	3	150.	146.667	150.	140.	33.333	5.774	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/23/90-08/31/93	3	12.	8.667	13.	1.	44.333	6.658	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/23/90-08/31/93	3	180.	176.667	190.	160.	233.333	15.275	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/23/90-08/31/93	3	190.	203.333	250.	170.	1733.333	41.633	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/23/90-08/31/93	3	0.2	0.267	0.4	0.2	0.013	0.115	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	05/23/90-08/31/93	3	21.	21.333	22.	21.	0.333	0.577	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/31/93-08/31/93	1	2.	2.	2.	2.	0.	0.	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	05/23/90-08/31/93	3	16.	12.	16.	4.	48.	6.928	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	05/23/90-08/31/93	3	720.	730.	780.	690.	2100.	45.826	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	05/23/90-08/31/93	3	48.	46.333	64.	27.	344.333	18.556	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/23/90-08/31/93	3	22.	23.333	27.	21.	10.333	3.215	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/31/93-08/31/93	1	560.	560.	560.	560.	0.	0.	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/05/90-09/05/90	1	20.	20.	20.	20.	0.	0.	**	**	**
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	09/05/90-09/05/90	1	0.26	0.26	0.26	0.26	0.	0.	**	**	**
39036	ALKALINITY,FILTERED SAMPLE AS CaCO3 MG/L	09/05/90-08/31/93	2	174.	174.	186.	162.	288.	16.971	**	**	**
39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CaCO3,MG/L	09/05/90-08/31/93	2	170.	170.	186.	154.	512.	22.627	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/23/90-08/31/93	3	668.	696.667	790.	632.	6857.333	82.809	**	**	**
71865	IODIDE (MG/L AS I)	05/23/90-08/31/93	3	0.04	0.043	0.06	0.03	0.	0.015	**	**	**
71870	BROMIDE (MG/L AS BR)	05/23/90-08/31/93	3	0.19	0.193	0.24	0.15	0.002	0.045	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot



### Parameter Inventory for Station: SAMO0103

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82082 DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	05/23/90-08/31/93	3	-69.	-66.6	-59.9	-70.9	34.57	5.88	**	**	**	**
82084 NITROGEN-15/NITROGEN-14 STABLE ISOTOPE RATIO/MIL	09/05/90-09/05/90	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
82085 OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	05/23/90-08/31/93	3	-9.35	-9.03	-8.34	-9.4	0.358	0.598	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0103

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400 PH	Other-Hi Lim.	9.	3	0	0.00	2	0	0.00				1	0	0.00			
	Other-Lo Lim.	6.5	3	0	0.00	2	0	0.00				1	0	0.00			
00403 PH, LAB	Other-Hi Lim.	9.	3	0	0.00	2	0	0.00				1	0	0.00			
	Other-Lo Lim.	6.5	3	0	0.00	2	0	0.00				1	0	0.00			
00631 NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	3	0	0.00	2	0	0.00				1	0	0.00			
00940 CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	3	0	0.00	2	0	0.00				1	0	0.00			
	Drinking Water	250.	3	0	0.00	2	0	0.00				1	0	0.00			
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	3	1	0.33	2	1	0.50				1	0	0.00			
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	3	0	0.00	2	0	0.00				1	0	0.00			
01000 ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00	1	0	0.00									
	Drinking Water	50.	1	0	0.00	1	0	0.00									
01005 BARIUM, DISSOLVED	Drinking Water	2000.	3	0	0.00	2	0	0.00				1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: SAMO0104

NPS Station ID: SAMO0104

Location: ZUMA CANYON CREEK @ PAC CST HWY

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC:

Major Basin: SANTA MONICA BAY

Minor Basin: POINT DUME QUADRANGLE

RF1 Index:

RF3 Index: 18070104008600.00

Description:

SURFACE WATER STATION; DATA MANAGER CODE: 3; AREAL CODE: ; BEGINNING OF RECORD: . ; ELEVATION: 8 ;

STATION NAME: KENTER DRAIN AT PICO BLVD ; DWR COUNTY CODE: 19; LATITUDE: 340023; LONGITUDE: 1182928;

CALIFORNIA COORDINATES:

LAT/LON: 34.017226/-118.815837

Depth of Water: 999

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 0.39

Agency: 21CALAFD

FIPS State/County: 06037 CALIFORNIA/

STORET Station ID(s): ZUMPAC /TG 110B4A8 1

Within Park Boundary: Yes

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 17.90

Distance from RF3: 0.02

Date Created: 01/14/77

On/Off RF1:

On/Off RF3:

Parameter Inventory for Station: SAMO0104

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
***** No Parameter Data Available for this Station *****												

## Station Inventory for Station: SAMO0105

NPS Station ID: SAMO0105      LAT/LON: 34.017226/-118.816116  
 Location: ZUMA CANYON AT PACIFIC COAST HIGHWAY  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC:  
 Major Basin:  
 Minor Basin:  
 RF1 Index:  
 RF3 Index: 18070105006300.00  
 Description:

Depth of Water: 0  
 Elevation: 0  
 RF1 Mile Point: 0.000  
 RF3 Mile Point: 0.82

Agency: 112WRD  
 FIPS State/County: 06037 CALIFORNIA/LOS ANGELES  
 STORET Station ID(s): 340102118485801  
 Within Park Boundary: Yes

Date Created: 01/21/84

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 0.00  
 Distance from RF3: 0.18

On/Off RF1:  
 On/Off RF3:

### Parameter Inventory for Station: SAMO0105

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/83-03/10/86	2	18.	18.	22.5	13.5	40.5	6.364	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	03/10/86-03/10/86	1	758.	758.	758.	758.	0.	0.	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/12/83-03/10/86	1	28.	28.	28.	28.	0.	0.	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/83-03/10/86	2	826.5	826.5	1140.	513.	196564.5	443.356	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/12/83-03/10/86	2	9.3	9.3	9.5	9.1	0.08	0.283	**	**	**
00400	PH (STANDARD UNITS)	07/12/83-03/10/86	2	7.85	7.85	8.1	7.6	0.125	0.354	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/12/83-03/10/86	2	7.782	7.782	8.1	7.6	0.134	0.367	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/83-03/10/86	2	0.017	0.017	0.025	0.008	0.	0.012	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/12/83-03/10/86	2	8.1	8.1	8.4	7.8	0.18	0.424	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/12/83-03/10/86	2	8.004	8.004	8.4	7.8	0.199	0.446	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/83-03/10/86	2	0.01	0.01	0.016	0.004	0.	0.008	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	07/12/83-03/10/86	2	220.5	220.5	280.	161.	7080.5	84.146	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/12/83-03/10/86	2	1.1	1.1	1.4	0.8	0.18	0.424	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/12/83-03/10/86	2	0.11	0.11	0.15	0.07	0.003	0.057	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	03/10/86-03/10/86	1	220.	220.	220.	220.	0.	0.	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	03/10/86-03/10/86	1	63.	63.	63.	63.	0.	0.	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	07/12/83-03/10/86	2	78.5	78.5	110.	47.	1984.5	44.548	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	07/12/83-03/10/86	2	39.	39.	52.	26.	338.	18.385	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	07/12/83-03/10/86	2	41.5	41.5	59.	24.	612.5	24.749	**	**	**
00931	SODIUM ADSORPTION RATIO	03/10/86-03/10/86	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**
00932	SODIUM, PERCENT	03/10/86-03/10/86	1	19.	19.	19.	19.	0.	0.	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/12/83-03/10/86	2	4.	4.	4.2	3.8	0.08	0.283	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	07/12/83-03/10/86	2	45.	45.	69.	21.	1152.	33.941	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/12/83-03/10/86	2	161.	161.	230.	92.	9522.	97.581	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/12/83-03/10/86	2	0.25	0.25	0.3	0.2	0.005	0.071	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	07/12/83-03/10/86	2	23.	23.	25.	21.	8.	2.828	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	03/10/86-03/10/86	1	1.	1.	1.	1.	0.	0.	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/12/83-03/10/86	2	80.	80.	110.	50.	1800.	42.426	**	**	**
01027	CADMIUM, TOTAL (UG/L AS Cd)	03/10/86-03/10/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS Cr)	03/10/86-03/10/86	1	20.	20.	20.	20.	0.	0.	**	**	**
01042	COPPER, TOTAL (UG/L AS Cu)	03/10/86-03/10/86	1	20.	20.	20.	20.	0.	0.	**	**	**
01046	IRON, DISSOLVED (UG/L AS Fe)	07/12/83-03/10/86	2 ##	38.25	38.25	75.	1.5	2701.125	51.972	**	**	**
01051	LEAD, TOTAL (UG/L AS Pb)	03/10/86-03/10/86	1 ##	50.	50.	50.	50.	0.	0.	**	**	**
01092	ZINC, TOTAL (UG/L AS Zn)	03/10/86-03/10/86	1	50.	50.	50.	50.	0.	0.	**	**	**
01147	SELENIUM, TOTAL (UG/L AS Se)	03/10/86-03/10/86	1	1.	1.	1.	1.	0.	0.	**	**	**
39024	PROPAZINE, COULSON CONDUCTIVITY, WATER SAMPL (UG/L)	03/10/86-03/10/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
39054	SIMETRYNE IN WHOLE WATER (UG/L)	03/10/86-03/10/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
39055	SIMAZINE IN WHOLE WATER (UG/L)	03/10/86-03/10/86	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: SAMO0105

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39056	PROMETONE IN WHOLE WATER (UG/L)	03/10/86-03/10/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
39057	PROMETRYNE IN WHOLE WATER (UG/L)	03/10/86-03/10/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	03/10/86-03/10/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	03/10/86-03/10/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	03/10/86-03/10/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	03/10/86-03/10/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	03/10/86-03/10/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	03/10/86-03/10/86	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**
39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	03/10/86-03/10/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	03/10/86-03/10/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/12/83-03/10/86	2	562.	562.	786.	338.	100352.	316.784	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	03/10/86-03/10/86	1	335.	335.	335.	335.	0.	0.	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	03/10/86-03/10/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
81757	CYANAZINE IN THE WHOLE WATER SAMPLE UG/L	03/10/86-03/10/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
82184	AMETRYNE (GESAPAX OR EVIK) TOTAL UG/L	03/10/86-03/10/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0105

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	1	0	0.00			1	0	0.00			
00400	PH	Other-Hi Lim.	9.	2	0	0.00	1	0	0.00			1	0	0.00			
		Other-Lo Lim.	6.5	2	0	0.00	1	0	0.00			1	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	2	0	0.00	1	0	0.00			1	0	0.00			
		Other-Lo Lim.	6.5	2	0	0.00	1	0	0.00			1	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00	1	0	0.00			1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	1	0	0.00			1	0	0.00			
		Drinking Water	250.	2	0	0.00	1	0	0.00			1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00	1	0	0.00			1	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00	1	0	0.00			1	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00						1	0	0.00			
		Drinking Water	50.	1	0	0.00						1	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	0 &	0	0.00											
		Drinking Water	5.	0 &	0	0.00											
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00						1	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00						1	1	1.00			
		Drinking Water	1300.	1	0	0.00						1	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00						1	0	0.00			
		Drinking Water	15.	0 &	0	0.00											
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00						1	0	0.00			
		Drinking Water	5000.	1	0	0.00						1	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	1	0	0.00						1	0	0.00			
		Drinking Water	50.	1	0	0.00						1	0	0.00			
39055	SIMAZINE IN WHOLE WATER	Drinking Water	4.	1	0	0.00						1	0	0.00			
39540	PARATHION IN WHOLE WATER SAMPLE	Fresh Acute	0.065	1	0	0.00						1	0	0.00			
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE	Drinking Water	3.	1	0	0.00						1	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00						1	0	0.00			
		Drinking Water	2.	1	0	0.00						1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: SAMO0106

NPS Station ID: SAMO0106  
Location: ZUMA C A RAINSFORD PL NR MALIBU CA  
Station Type: /TYP/AMBNT/STREAM  
RMI-Indexes:  
RMI-Miles:  
HUC: 18070104  
Major Basin:  
Minor Basin:  
RF1 Index: 18070104  
RF3 Index: 18070104008300.00  
Description:

LAT/LON: 34.022504/-118.816116  
  
  
Depth of Water: 0  
Elevation: 0  
  
RF1 Mile Point: 0.000  
RF3 Mile Point: 0.41

Agency: 112WRD  
FIPS State/County: 06037 CALIFORNIA/LOS ANGELES  
STORET Station ID(s): 11105580  
Within Park Boundary: Yes  
  
Aquifer:  
Water Body Id:  
ECO Region:  
Distance from RF1: 8.70  
Distance from RF3: 0.00

Date Created: 07/30/88  
  
  
  
  
On/Off RF1:  
On/Off RF3:

Parameter Inventory for Station: SAMO0106

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
***** No Parameter Data Available for this Station *****												

## Station Inventory for Station: SAMO0107

NPS Station ID: SAMO0107  
 Location: MALIBU C A LINDERO RD NR WESTLAKE CA  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC:  
 Major Basin:  
 Minor Basin:  
 RF1 Index:  
 RF3 Index: 18070104001000.00  
 Description:

LAT/LON: 34.132503/-118.821393

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 0.23

Agency: 112WRD  
 FIPS State/County: 06111 CALIFORNIA/VENTURA  
 STORET Station ID(s): 340757118491701  
 Within Park Boundary: No

Date Created: 03/10/90

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 0.40  
 Distance from RF3: 0.06

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: SAMO0107

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/88-08/05/88	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00025 BAROMETRIC PRESSURE (MM OF HG)	08/05/88-08/05/88	1	740.	740.	740.	740.	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	08/05/88-08/05/88	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/05/88-08/05/88	1	1250.	1250.	1250.	1250.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	08/05/88-08/05/88	1	4.5	4.5	4.5	4.5	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	08/05/88-08/05/88	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	08/05/88-08/05/88	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/05/88-08/05/88	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	08/05/88-08/05/88	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	08/05/88-08/05/88	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/05/88-08/05/88	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	08/05/88-08/05/88	1	237.	237.	237.	237.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	08/05/88-08/05/88	1	90.	90.	90.	90.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	08/05/88-08/05/88	1	57.	57.	57.	57.	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS NA)	08/05/88-08/05/88	1	96.	96.	96.	96.	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	08/05/88-08/05/88	1	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	08/05/88-08/05/88	1	110.	110.	110.	110.	0.	0.	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	08/05/88-08/05/88	1	290.	290.	290.	290.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	08/05/88-08/05/88	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	08/05/88-08/05/88	1	31.	31.	31.	31.	0.	0.	**	**	**	**
01002 ARSENIC, TOTAL (UG/L AS AS)	08/05/88-08/05/88	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	08/05/88-08/05/88	1	190.	190.	190.	190.	0.	0.	**	**	**	**
01027 CADMIUM, TOTAL (UG/L AS CD)	08/05/88-08/05/88	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01034 CHROMIUM, TOTAL (UG/L AS CR)	08/05/88-08/05/88	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01042 COPPER, TOTAL (UG/L AS CU)	08/05/88-08/05/88	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01046 IRON, DISSOLVED (UG/L AS FE)	08/05/88-08/05/88	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01051 LEAD, TOTAL (UG/L AS PB)	08/05/88-08/05/88	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01092 ZINC, TOTAL (UG/L AS ZN)	08/05/88-08/05/88	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01147 SELENIUM, TOTAL (UG/L AS SE)	08/05/88-08/05/88	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
70300 RESIDUE, TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/05/88-08/05/88	1	838.	838.	838.	838.	0.	0.	**	**	**	**
71900 MERCURY, TOTAL (UG/L AS HG)	08/05/88-08/05/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0107

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00400 PH	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
	Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00403 PH, LAB	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
	Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00940 CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
	Drinking Water	250.	1	0	0.00	1	0	0.00									
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	1	1.00	1	1	1.00									
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
01002 ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00	1	0	0.00									
	Drinking Water	50.	1	0	0.00	1	0	0.00									
01027 CADMIUM, TOTAL	Fresh Acute	3.9	0 &	0	0.00												
	Drinking Water	5.	0 &	0	0.00												
01034 CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
01042 COPPER, TOTAL	Fresh Acute	18.	1	1	1.00	1	1	1.00									
	Drinking Water	1300.	1	0	0.00	1	0	0.00									
01051 LEAD, TOTAL	Fresh Acute	82.	1	0	0.00	1	0	0.00									
	Drinking Water	15.	0 &	0	0.00												
01092 ZINC, TOTAL	Fresh Acute	120.	1	0	0.00	1	0	0.00									
	Drinking Water	5000.	1	0	0.00	1	0	0.00									
01147 SELENIUM, TOTAL	Fresh Acute	20.	1	0	0.00	1	0	0.00									
	Drinking Water	50.	1	0	0.00	1	0	0.00									
71900 MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
	Drinking Water	2.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: SAMO0108

NPS Station ID: SAMO0108  
Location: TRANCAS CYN CREEK @ PAC CST HWY  
Station Type: /TYP/AMBNT/STREAM  
RMI-Indexes:  
HUC:  
Major Basin: SANTA MONICA BAY  
Minor Basin: POINT DUME QUADRANGLE  
RF1 Index:  
RF3 Index: 18070104022100.00  
Description:

LAT/LON: 34.029727/-118.841670  
  
  
Depth of Water: 999  
Elevation: 0  
  
RF1 Mile Point: 0.000  
RF3 Mile Point: 0.00

Agency: 21CALAFD  
FIPS State/County: 06037 CALIFORNIA/  
STORET Station ID(s): TRAPAC /TG 111E5H9 1  
Within Park Boundary: Yes  
  
Aquifer:  
Water Body Id:  
ECO Region:  
Distance from RF1: 1.40  
Distance from RF3: 0.06

Date Created: 06/11/76  
  
  
  
  
On/Off RF1:  
On/Off RF3:

Parameter Inventory for Station: SAMO0108

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
***** No Parameter Data Available for this Station *****												



## Station Inventory for Station: SAMO0109

NPS Station ID: SAMO0109  
 Location: ARROYO SIMI AT LOS ANGELES AVENUE CA  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC:  
 Major Basin:  
 Minor Basin:  
 RF1 Index:  
 RF3 Index: 18070104000308.37  
 Description:

LAT/LON: 34.292504/-118.847227

Depth of Water: 0  
 Elevation: 0  
 RF1 Mile Point: 0.000  
 RF3 Mile Point: 12.39

Agency: 112WRD  
 FIPS State/County: 06111 CALIFORNIA/VENTURA  
 STORET Station ID(s): 341733118505001  
 Within Park Boundary: No

Date Created: 04/01/95

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 0.00  
 Distance from RF3: 0.04

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: SAMO0109

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/93-09/02/93	1	27.	27.	27.	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/02/93-09/02/93	1	25.5	25.5	25.5	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/02/93-09/02/93	1	17.	17.	17.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/93-09/02/93	1	1825.	1825.	1825.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/02/93-09/02/93	1	8.	8.	8.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/02/93-09/02/93	1	8.	8.	8.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/02/93-09/02/93	1	0.01	0.01	0.01	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/02/93-09/02/93	1	9.5	9.5	9.5	0.	0.	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	09/02/93-09/02/93	1	14.	14.	14.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/02/93-09/02/93	1	3.9	3.9	3.9	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/02/93-09/02/93	1	2.	2.	2.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/02/93-09/02/93	1	1.8	1.8	1.8	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/02/93-09/02/93	1	170.	170.	170.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	09/02/93-09/02/93	1	1000.	1000.	1000.	0.	0.	**	**	**	**
39036	ALKALINITY,FILTERED SAMPLE AS CaCO3 MG/L	09/02/93-09/02/93	1	226.	226.	226.	0.	0.	**	**	**	**
39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CaCO3,MG/L	09/02/93-09/02/93	1	225.	225.	225.	0.	0.	**	**	**	**
71870	BROMIDE (MG/L AS BR)	09/02/93-09/02/93	1	0.45	0.45	0.45	0.	0.	**	**	**	**
82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	09/02/93-09/02/93	1	-54.	-54.	-54.	0.	0.	**	**	**	**
82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	09/02/93-09/02/93	1	-7.34	-7.34	-7.34	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

## EPA Water Quality Criteria Analysis for Station: SAMO0109

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
00400	PH					Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
	Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER																
	Fresh Acute	860.	1	0	0.00	1	0	0.00									
	Drinking Water	250.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0110

NPS Station ID: SAMO0110  
 Location: ARROYO SIMI A RR BR .5MI E/118  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070103  
 Major Basin: LOS ANGELES AREA  
 Minor Basin: CALLEGUAS-CONEJO CREEKS  
 RF1 Index: 18070103005  
 RF3 Index: 18070103000501.75  
 Description:  
 SURFACE WATER STATION; DATA MANAGER CODE: 3; AREAL CODE: ; BEGINNING OF RECORD: . ; ELEVATION: 590 ;  
 STATION NAME: ARROYO SIMI A RR BR .5MI E/118 ;  
 CALIFORNIA COORDINATES:

LAT/LON: 34.286670/-118.865838

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 6.250  
 RF3 Mile Point: 9.26

Agency: 21CAL-1  
 FIPS State/County: 06111 CALIFORNIA/VENTURA  
 STORET Station ID(s): Z4138220 /4036205  
 Within Park Boundary: No

Date Created: 08/27/76

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 0.00  
 Distance from RF3: 0.08

On/Off RF1: OFF  
 On/Off RF3:

## Parameter Inventory for Station: SAMO0110

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/27/56-01/27/56	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	02/19/62-11/29/70	2	56.	56.	58.	54.	8.	2.828	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/27/56-11/29/70	3	934.	1200.	2040.	626.	552916.	743.583	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	01/27/56-11/29/70	3	7.3	7.4	7.6	7.3	0.03	0.173	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	01/27/56-11/29/70	3	7.3	7.379	7.6	7.3	0.031	0.175	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/27/56-11/29/70	3	0.05	0.042	0.05	0.025	0.	0.014	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	01/27/56-11/29/70	3	150.	141.333	176.	98.	1577.333	39.716	**	**	**	**
00671 PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/29/70-11/29/70	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	01/27/56-11/29/70	3	415.	528.	906.	263.	112939.	336.064	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	01/27/56-11/29/70	3	129.	158.	264.	81.	9003.	94.884	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	01/27/56-11/29/70	3	23.	32.667	60.	15.	576.333	24.007	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS NA)	01/27/56-11/29/70	3	40.	63.667	114.	37.	1902.333	43.616	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	01/27/56-11/29/70	3	8.9	7.967	10.	5.	6.903	2.627	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	01/27/56-11/29/70	3	30.	47.333	87.	25.	1186.333	34.443	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	01/27/56-11/29/70	3	288.	439.333	840.	190.	122801.333	350.43	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	02/19/62-11/29/70	2	0.5	0.5	0.6	0.4	0.02	0.141	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	02/19/62-02/19/62	1	16.	16.	16.	16.	0.	0.	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	01/27/56-02/19/62	2	490.	490.	690.	290.	80000.	282.843	**	**	**	**
70299 SOLIDS, SUSP. - RESIDUE ON EVAP. AT 180 C (MG/L)	11/29/70-11/29/70	1	10000.	10000.	10000.	10000.	0.	0.	**	**	**	**
70300 RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	01/27/56-11/29/70	3	690.	896.333	1634.	365.	434520.333	659.182	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	01/27/56-11/29/70	3	9.	7.5	12.5	1.	34.75	5.895	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0110

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403	PH, LAB																
	Other-Hi Lim.	9.	3	0	0.00				3	0	0.00						
	Other-Lo Lim.	6.5	3	0	0.00				3	0	0.00						
00941	CHLORIDE, DISSOLVED IN WATER																
	Fresh Acute	860.	3	0	0.00				3	0	0.00						
	Drinking Water	250.	3	0	0.00				3	0	0.00						
00946	SULFATE, DISSOLVED (AS SO4)																
	Drinking Water	250.	3	2	0.67				3	2	0.67						
00950	FLUORIDE, DISSOLVED AS F																
	Drinking Water	4.	2	0	0.00				2	0	0.00						
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)																
	Drinking Water	44.	3	0	0.00				3	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0111

NPS Station ID: SAMO0111  
 Location: ARROYO SIMI AT MOORPARK  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070103  
 Major Basin: CALIFORNIA  
 Minor Basin: SANTA CLARA RIVER  
 RF1 Index: 18070103005  
 RF3 Index: 18070103000205.38  
 Description:  
 SURFACE WATER STATION; DATA MANAGER CODE: 3; AREAL CODE: ; BEGINNING OF RECORD: . ; ELEVATION: 570 ;  
 STATION NAME: ARROYO SIMI A MOORPARK ; DWR COUNTY CODE: 56; LATITUDE: 341709; LONGITUDE: 1185224;  
 CALIFORNIA COORDINATES:

LAT/LON: 34.285837/-118.873338

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 6.150  
 RF3 Mile Point: 5.55

Agency: 21CAL-1  
 FIPS State/County: 06111 CALIFORNIA/VENTURA  
 STORET Station ID(s): Z4138000 /4036206  
 Within Park Boundary: No

Date Created: 06/02/79

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 0.00  
 Distance from RF3: 0.05

On/Off RF1: OFF  
 On/Off RF3:

## Parameter Inventory for Station: SAMO0111

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/12/79-04/12/79	1	80.	80.	80.	80.	0.	0.	**	**	**	**
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/12/79-04/12/79	1	90.	90.	90.	90.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/12/79-04/12/79	1	1890.	1890.	1890.	1890.	0.	0.	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	04/12/79-04/12/79	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	04/12/79-04/12/79	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/12/79-04/12/79	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	04/12/79-04/12/79	1	604.	604.	604.	604.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	04/12/79-04/12/79	1	145.	145.	145.	145.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS Mg)	04/12/79-04/12/79	1	59.	59.	59.	59.	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	04/12/79-04/12/79	1	205.	205.	205.	205.	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	04/12/79-04/12/79	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	04/12/79-04/12/79	1	174.	174.	174.	174.	0.	0.	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	04/12/79-04/12/79	1	560.	560.	560.	560.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	04/12/79-04/12/79	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	04/12/79-04/12/79	1	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
39036 ALKALINITY,FILTERED SAMPLE AS CaCO3 MG/L	04/12/79-04/12/79	1	201.	201.	201.	201.	0.	0.	**	**	**	**
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/12/79-04/12/79	1	1400.	1400.	1400.	1400.	0.	0.	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/12/79-04/12/79	1	46.8	46.8	46.8	46.8	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

## EPA Water Quality Criteria Analysis for Station: SAMO0111

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076 TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	1	1.00							1	1	1.00			
00403 PH, LAB	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
	Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### EPA Water Quality Criteria Analysis for Station: SAMO0111

Parameter	Std. Type	Std. Value	Total			-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
			Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00941 CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
	Drinking Water	250.	1	0	0.00							1	0	0.00			
00946 SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	1	1.00							1	1	1.00			
	Drinking Water	4.	1	0	0.00							1	0	0.00			
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00							1	0	0.00			
71851 NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	1	1.00							1	1	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0112

NPS Station ID: SAMO0112  
 Location: ARROYO SIMI S/O MOORPARK  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070103  
 Major Basin: LOS ANGELES AREA  
 Minor Basin: CALLEGUAS-CONEJO CREEKS  
 RF1 Index: 18070103005  
 RF3 Index: 18070103000500.56  
 Description:  
 SURFACE WATER STATION; DATA MANAGER CODE: 3; AREAL CODE: ; BEGINNING OF RECORD: . ; ELEVATION: 580 ;  
 STATION NAME: ARROYO SIMI S/O MOORPARK ; DWR COUNTY CODE: 56; LATITUDE: 341637; LONGITUDE: 1185226;  
 CALIFORNIA COORDINATES:

LAT/LON: 34.276948/-118.873892

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 5.460  
 RF3 Mile Point: 0.76

Agency: 21CAL-1  
 FIPS State/County: 06111 CALIFORNIA/VENTURA  
 STORET Station ID(s): Z4130000 /4036204  
 Within Park Boundary: No

Date Created: 08/27/76

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 0.00  
 Distance from RF3: 0.01

On/Off RF1: OFF  
 On/Off RF3:

## Parameter Inventory for Station: SAMO0112

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	02/04/58-04/12/79	3	58.	63.667	80.	53.	206.333	14.364	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	01/13/57-02/04/58	2	138.5	138.5	275.	2.	37264.5	193.04	**	**	**	**
00065 STAGE, STREAM (FEET)	01/13/57-11/29/70	3	2.38	11.31	30.	1.55	262.159	16.191	**	**	**	**
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/12/79-04/12/79	1	90.	90.	90.	90.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/13/57-04/12/79	4	1431.	1504.5	2272.	884.	468747.667	684.651	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	01/13/57-04/12/79	4	7.4	7.4	7.5	7.3	0.007	0.082	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	01/13/57-04/12/79	4	7.4	7.394	7.5	7.3	0.007	0.082	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/13/57-04/12/79	4	0.04	0.04	0.05	0.032	0.	0.008	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	01/13/57-11/29/70	3	215.	190.	238.	117.	4129.	64.257	**	**	**	**
00671 PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/29/70-11/29/70	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	01/13/57-04/12/79	4	527.5	724.25	1408.	434.	213628.25	462.199	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	01/13/57-04/12/79	4	161.5	224.5	437.	138.	20373.667	142.736	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	01/13/57-04/12/79	4	40.5	39.925	77.	1.7	1173.623	34.258	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	01/13/57-04/12/79	4	72.5	93.5	205.	24.	6888.333	82.996	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	01/13/57-04/12/79	4	8.85	8.925	13.	5.	19.076	4.368	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	01/13/57-04/12/79	4	40.5	67.5	174.	15.	5367.	73.26	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	01/13/57-04/12/79	4	447.	609.25	1268.	275.	207954.25	456.02	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	02/04/58-04/12/79	3	0.6	0.7	1.	0.5	0.07	0.265	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	02/04/58-02/04/58	1	15.	15.	15.	15.	0.	0.	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	01/13/57-04/12/79	3	1000.	983.333	1560.	390.	342433.333	585.178	**	**	**	**
39036 ALKALINITY,FILTERED SAMPLE AS CaCO3 MG/L	04/12/79-04/12/79	1	201.	201.	201.	201.	0.	0.	**	**	**	**
70299 SOLIDS, SUSP. - RESIDUE ON EVAP. AT 180 C (MG/L)	11/29/70-11/29/70	1	10000.	10000.	10000.	10000.	0.	0.	**	**	**	**
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/13/57-04/12/79	4	1038.5	1260.75	2330.	636.	631254.25	794.515	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	01/13/57-04/12/79	4	1.7	12.55	46.8	0.	522.43	22.857	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0112

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	50.	1	1	1.00							1	1	1.00			
00403	PH, LAB	Other-Hi Lim.	9.	4	0	0.00			3	0	0.00	1	0	0.00			
		Other-Hi Lim.	9.	4	0	0.00			3	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	4	0	0.00			3	0	0.00	1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	4	0	0.00			3	0	0.00	1	0	0.00			
		Drinking Water	250.	4	0	0.00			3	0	0.00	1	0	0.00			
		Drinking Water	250.	4	4	1.00			3	3	1.00	1	1	1.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	4	4	1.00			3	3	1.00	1	1	1.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	3	0	0.00			2	0	0.00	1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	4	1	0.25			3	0	0.00	1	1	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0113

NPS Station ID: SAMO0113  
 Location: ARROYO SIMI AT MOORPARK RD CA  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC:  
 Major Basin:  
 Minor Basin:  
 RF1 Index:  
 RF3 Index: 18070104000308.37  
 Description:

LAT/LON: 34.276948/-118.873892

Depth of Water: 0  
 Elevation: 0  
 RF1 Mile Point: 0.000  
 RF3 Mile Point: 12.39

Agency: 112WRD  
 FIPS State/County: 06111 CALIFORNIA/VENTURA  
 STORET Station ID(s): 341637118522601  
 Within Park Boundary: No

Date Created: 04/01/95

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 0.00  
 Distance from RF3: 0.04

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: SAMO0113

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/01/93-09/01/93	1	31.5	31.5	31.5	31.5	0.	0.	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/01/93-09/01/93	1	29.5	29.5	29.5	29.5	0.	0.	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/01/93-09/01/93	1	11.	11.	11.	11.	0.	0.	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/01/93-09/01/93	1	1801.	1801.	1801.	1801.	0.	0.	**	**	**
00400	PH (STANDARD UNITS)	09/01/93-09/01/93	1	8.12	8.12	8.12	8.12	0.	0.	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/01/93-09/01/93	1	8.12	8.12	8.12	8.12	0.	0.	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/01/93-09/01/93	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/01/93-09/01/93	1	4.1	4.1	4.1	4.1	0.	0.	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	09/01/93-09/01/93	1	5.4	5.4	5.4	5.4	0.	0.	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/01/93-09/01/93	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/01/93-09/01/93	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/01/93-09/01/93	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	09/01/93-09/01/93	1	180.	180.	180.	180.	0.	0.	**	**	**
71870	BROMIDE (MG/L AS BR)	09/01/93-09/01/93	1	0.44	0.44	0.44	0.44	0.	0.	**	**	**
82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	09/01/93-09/01/93	1	-50.7	-50.7	-50.7	-50.7	0.	0.	**	**	**
82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	09/01/93-09/01/93	1	-6.92	-6.92	-6.92	-6.92	0.	0.	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

## EPA Water Quality Criteria Analysis for Station: SAMO0113

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
00400	PH					Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
	Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.																
	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE, TOTAL IN WATER																
	Fresh Acute	860.	1	0	0.00	1	0	0.00									
	Drinking Water	250.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



## Station Inventory for Station: SAMO0114

NPS Station ID: SAMO0114 Location: CONEJO C A LYNN RH ON CALLE YUCCA Station Type: /TYPA/AMBNT/STREAM RMI-Indexes: RMI-Miles: HUC: 18070103 Major Basin: LOS ANGELES AREA Minor Basin: CALLEGUAS-CONEJO CREEKS RF1 Index: 18070103003 RF3 Index: 18070103001300.32 Description: SURFACE WATER STATION; DATA MANAGER CODE: 3; AREAL CODE: ; BEGINNING OF RECORD: . ; ELEVATION: 600 ; STATION NAME: CONEJO C A LYNN RH ON CALLE YUCCA; CALIFORNIA COORDINATES:	LAT/LON: 34.184726/-118.892505          Depth of Water: 0 Elevation: 0   RF1 Mile Point: 12.420 RF3 Mile Point: 0.72	Agency: 21CAL-1 FIPS State/County: 06111 CALIFORNIA/VENTURA STORET Station ID(s): Z4455050 /4036801 Within Park Boundary: No   Aquifer: Water Body Id: ECO Region: Distance from RF1: 8.60 Distance from RF3: 0.01
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Date Created: 08/27/76

On/Off RF1: OFF  
On/Off RF3:

### Parameter Inventory for Station: SAMO0114

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/27/53-02/27/53	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/08/52-04/16/52	2	68.5	68.5	72.	65.	24.5	4.95	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	03/19/52-02/27/53	7	2.	1.643	3.	0.2	1.373	1.172	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/19/52-02/27/53	6	1848.5	1742.667	2400.	974.	262241.467	512.095	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	03/19/52-02/27/53	6	8.2	8.15	8.5	7.6	0.103	0.321	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	03/19/52-02/27/53	6	8.2	8.039	8.5	7.6	0.118	0.343	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/19/52-02/27/53	6	0.006	0.009	0.025	0.003	0.	0.008	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	03/19/52-02/27/53	7	294.	301.714	394.	203.	4446.238	66.68	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	03/19/52-02/27/53	6	923.	853.167	1149.	438.	70250.567	265.048	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	04/16/52-02/27/53	5	181.	183.8	223.	130.	1472.7	38.376	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	04/16/52-02/27/53	5	119.	115.7	144.	79.5	593.7	24.366	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS NA)	04/16/52-02/27/53	5	110.	110.32	137.	83.6	371.612	19.277	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	04/16/52-02/27/53	4	3.7	3.6	4.5	2.5	1.107	1.052	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	03/19/52-02/27/53	7	157.	161.	224.	69.	3075.667	55.459	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	04/16/52-02/27/53	5	592.	581.2	808.	402.	25761.2	160.503	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	03/19/52-02/27/53	6	125.	155.	300.	80.	6950.	83.367	**	**	**	**
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/19/52-02/27/53	6	1433.5	1388.167	1965.	680.	218119.767	467.033	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/16/52-02/27/53	5	1.2	3.9	8.1	1.	14.36	3.789	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0114

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403 PH, LAB	Other-Hi Lim.	9.	6	0	0.00				3	0	0.00	3	0	0.00			
	Other-Lo Lim.	6.5	6	0	0.00				3	0	0.00	3	0	0.00			
00941 CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	7	0	0.00				3	0	0.00	4	0	0.00			
	Drinking Water	250.	7	0	0.00				3	0	0.00	4	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: SAMO0114

Parameter	Std. Type	Std. Value	Total			Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
			Obs	Exceed Standard			Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00946 SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	5	5		1.00				3	3	1.00	2	2	1.00			
71851 NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	5	0		0.00				3	0	0.00	2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: SAMO0115

NPS Station ID: SAMO0115  
Location: ARROYO CONEJO S BRANCH  
Station Type: /TYPA/AMBNT/STREAM  
RMI-Indexes:  
RMI-Miles:  
HUC: 18070103  
Major Basin: CALIFORNIA  
Minor Basin: SANTA CLARA RIVER  
RF1 Index: 18070103003  
RF3 Index: 18070103000302.90  
Description:  
SURFACE WATER STATION; DATA MANAGER CODE: 3; AREAL CODE; ; BEGINNING OF RECORD: . ; ELEVATION: . ;  
STATION NAME: ARROYO CONEJO S BRANCH ; DWR COUNTY CODE: 56; LATITUDE: 341100; LONGITUDE: 1185418;  
CALIFORNIA COORDINATES:

LAT/LON: 34.183337/-118.905004  
  
  
  
  
  
  
  
  
  
RF1 Mile Point: 11.790  
RF3 Mile Point: 8.33

Agency: 21CAL-1  
FIPS State/County: 06111 CALIFORNIA/VENTURA  
STORET Station ID(s): Z4451000 /4036404  
Within Park Boundary: No  
  
  
Aquifer:  
Water Body Id:  
ECO Region:  
Distance from RF1: 0.00  
Distance from RF3: 0.03

Date Created: 06/02/79  
  
  
  
  
  
  
  
  
  
On/Off RF1: OFF  
On/Off RF3:

Parameter Inventory for Station: SAMO0115

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
***** No Parameter Data Available for this Station *****												

## Station Inventory for Station: SAMO0116

NPS Station ID: SAMO0116 Location: ARROYO SANTA ROSA C A CAMAR RD BR Station Type: /TYPA/AMBNT/STREAM RMI-Indexes: RMI-Miles: HUC: 18070103 Major Basin: LOS ANGELES AREA Minor Basin: CALLEGUAS-CONEJO CREEKS RF1 Index: 18070103 RF3 Index: 18070103000312.36 Description: SURFACE WATER STATION; DATA MANAGER CODE: 3; AREAL CODE: ; STATION NAME: ARROYO SANTA ROSA C A CAMAR RD BR; CALIFORNIA COORDINATES:	LAT/LON: 34.238059/-118.907226          Depth of Water: 0 Elevation: 0  RF1 Mile Point: 0.000 RF3 Mile Point: 12.36	Agency: 21CAL-1 FIPS State/County: 06111 CALIFORNIA/VENTURA STORET Station ID(s): Z4465050 /4036302 Within Park Boundary: No  Aquifer: Water Body Id: ECO Region: Distance from RF1: 0.00 Distance from RF3: 0.04  On/Off RF1: On/Off RF3:
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### Parameter Inventory for Station: SAMO0116

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/27/56-01/27/56	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	01/27/56-01/27/56	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/27/56-01/27/56	1	262.	262.	262.	262.	0.	0.	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	01/27/56-01/27/56	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	01/27/56-01/27/56	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/27/56-01/27/56	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	01/27/56-01/27/56	1	60.	60.	60.	60.	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	01/27/56-01/27/56	1	91.	91.	91.	91.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	01/27/56-01/27/56	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	01/27/56-01/27/56	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	01/27/56-01/27/56	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	01/27/56-01/27/56	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	01/27/56-01/27/56	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	01/27/56-01/27/56	1	37.	37.	37.	37.	0.	0.	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	01/27/56-01/27/56	1	300.	300.	300.	300.	0.	0.	**	**	**	**
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/27/56-01/27/56	1	227.	227.	227.	227.	0.	0.	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	01/27/56-01/27/56	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0116

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
00403 PH, LAB	Other-Hi Lim.	9.	1	0	0.00				1	0	0.00						
	Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00941 CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
	Drinking Water	250.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: SAMO0116

Parameter	Std. Type	Std. Value	Total	Exceed	Prop.	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
			Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00946 SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00				1	0	0.00						
71851 NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0117

NPS Station ID: SAMO0117  
 Location: LAT AND LONG CALCULATED FROM TOWNSHIP AND RANGE  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070103  
 Major Basin: CALIFORNIA  
 Minor Basin: SANTA CLARA RIVER  
 RF1 Index: 18070103  
 RF3 Index: 18070103013900.00  
 Description:

LAT/LON: 34.233337/-118.916671

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 0.25

Agency: 21CAL-2  
 FIPS State/County: 06111 CALIFORNIA/VENTURA  
 STORET Station ID(s): 02N/20W-25B01 S/SNW022025B01  
 Within Park Boundary: No

Date Created: 11/17/79

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 12.20  
 Distance from RF3: 0.14

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: SAMO0117

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/26/78-09/26/78	1	970.	970.	970.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/26/78-09/26/78	1	7.1	7.1	7.1	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/26/78-09/26/78	1	7.1	7.1	7.1	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/26/78-09/26/78	1	0.079	0.079	0.079	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/26/78-09/26/78	1	215.	215.	215.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	09/26/78-09/26/78	1	118.	118.	118.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/26/78-09/26/78	1	39.	39.	39.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	09/26/78-09/26/78	1	64.	64.	64.	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/26/78-09/26/78	1	37.	37.	37.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/26/78-09/26/78	1	297.	297.	297.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/26/78-09/26/78	1	0.9	0.9	0.9	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/26/78-09/26/78	1	0.	0.	0.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/26/78-09/26/78	1	100.	100.	100.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	09/26/78-09/26/78	1	0.	0.	0.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/26/78-09/26/78	1	0.	0.	0.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/26/78-09/26/78	1	760.	760.	760.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/26/78-09/26/78	1	11.	11.	11.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

## EPA Water Quality Criteria Analysis for Station: SAMO0117

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
00403	PH, LAB					Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
	Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER																
	Fresh Acute	860.	1	0	0.00	1	0	0.00									
	Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)																
	Drinking Water	250.	1	1	1.00	1	1	1.00									
	Fresh Acute	4.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F																
	Drinking Water	18.	1	0	0.00	1	0	0.00									
	Fresh Acute	1300.	1	0	0.00	1	0	0.00									
01042	COPPER, TOTAL																
	Drinking Water	120.	1	0	0.00	1	0	0.00									
	Fresh Acute	5000.	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL																
	Drinking Water	44.	1	0	0.00	1	0	0.00									
	Fresh Acute																
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)																
	Drinking Water																
	Fresh Acute																

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0118

NPS Station ID: SAMO0118  
Location: ARROYO SEQUIT @ MULHOLLAND HWY  
Station Type: /TYPA/AMBNT/STREAM  
RMI-Indexes:  
RMI-Miles:  
HUC: 18070104  
Major Basin: SANTA MONICA BAY  
Minor Basin: TRUINFO PASS QUADRANGLE  
RF1 Index: 18070104  
RF3 Index: 18070105000906.58  
Description:

LAT/LON: 34.083615/-118.917504

Agency: 21CALAFD  
FIPS State/County: 06037 CALIFORNIA/LOS ANGELES  
STORET Station ID(s): ASEMUL /TG 104D5E6 1  
Within Park Boundary: Yes

Date Created: 06/11/76

Depth of Water: 999  
Elevation: 0

Aquifer:  
Water Body Id:  
ECO Region:  
Distance from RF1: 0.00  
Distance from RF3: 0.01

On/Off RF1:  
On/Off RF3:

### Parameter Inventory for Station: SAMO0118

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
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\*\*\*\*\* No Parameter Data Available for this Station \*\*\*\*\*

## Station Inventory for Station: SAMO0119

NPS Station ID: SAMO0119  
 Location: ARROYO LAS POSAS A HITCH BLVD BR  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070103  
 Major Basin: LOS ANGELES AREA  
 Minor Basin: CALLEGUAS-CONEJO CREEKS  
 RF1 Index: 18070103005  
 RF3 Index: 18070103029200.00  
 Description:  
 SURFACE WATER STATION; DATA MANAGER CODE: 3; AREAL CODE: ; BEGINNING OF RECORD: . ; ELEVATION: 420 ;  
 STATION NAME: ARROYO LAS POSAS A HITCH BLVD BR ;  
 CALIFORNIA COORDINATES:

LAT/LON: 34.271671/-118.922505

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 2.380  
 RF3 Mile Point: 0.00

Agency: 21CAL-1  
 FIPS State/County: 06111 CALIFORNIA/VENTURA  
 STORET Station ID(s): Z4125550 /4036203  
 Within Park Boundary: No

Date Created: 08/27/76

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 0.00  
 Distance from RF3: 0.05

On/Off RF1: OFF  
 On/Off RF3:

### Parameter Inventory for Station: SAMO0119

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	02/09/62-12/24/71	4	57.	58.	64.	54.	18.667	4.32	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	02/09/62-12/24/71	3	319.	213.167	320.	0.5	33920.583	184.175	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/09/62-02/19/62	2	483.5	483.5	537.	430.	5724.5	75.66	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	02/09/62-02/19/62	2	7.35	7.35	7.5	7.2	0.045	0.212	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	02/09/62-02/19/62	2	7.325	7.325	7.5	7.2	0.046	0.215	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/09/62-02/19/62	2	0.047	0.047	0.063	0.032	0.	0.022	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	02/09/62-02/19/62	2	93.	93.	97.	89.	32.	5.657	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	02/09/62-02/19/62	2	157.	157.	224.	90.	8978.	94.752	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	02/09/62-02/19/62	2	44.	44.	62.	26.	648.	25.456	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	02/09/62-02/19/62	2	11.5	11.5	17.	6.	60.5	7.778	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	02/09/62-02/19/62	2	39.5	39.5	47.	32.	112.5	10.607	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	02/09/62-02/19/62	2	11.5	11.5	18.	5.	84.5	9.192	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	02/09/62-02/19/62	2	16.	16.	20.	12.	32.	5.657	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	02/09/62-02/19/62	2	130.	130.	153.	107.	1058.	32.527	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	02/09/62-02/19/62	2	0.5	0.5	0.8	0.2	0.18	0.424	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	02/09/62-02/19/62	2	15.5	15.5	21.	10.	60.5	7.778	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	02/09/62-02/19/62	2	125.	125.	170.	80.	4050.	63.64	**	**	**	**
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/09/62-02/19/62	2	344.5	344.5	395.	294.	5100.5	71.418	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	02/09/62-02/19/62	2	4.5	4.5	5.	4.	0.5	0.707	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0119

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
00403 PH, LAB	Other-Hi Lim.	9.	2	0	0.00	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
	Other-Lo Lim.	6.5	2	0	0.00				2	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



### EPA Water Quality Criteria Analysis for Station: SAMO0119

Parameter	Std. Type	Std. Value	Total			-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
			Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00941	CHLORIDE, DISSOLVED IN WATER																
	Fresh Acute	860.	2	0	0.00				2	0	0.00						
	Drinking Water	250.	2	0	0.00				2	0	0.00						
00946	SULFATE, DISSOLVED (AS SO4)																
	Drinking Water	250.	2	0	0.00				2	0	0.00						
00950	FLUORIDE, DISSOLVED AS F																
	Drinking Water	4.	2	0	0.00				2	0	0.00						
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)																
	Drinking Water	44.	2	0	0.00				2	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0120

NPS Station ID: SAMO0120  
 Location: ARROYO SIMI A HITCH RD CA  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC:  
 Major Basin:  
 Minor Basin:  
 RF1 Index:  
 RF3 Index: 18070103013800.00  
 Description:

LAT/LON: 34.271671/-118.922782

Depth of Water: 0  
 Elevation: 0  
 RF1 Mile Point: 0.000  
 RF3 Mile Point: 3.03

Agency: 112WRD  
 FIPS State/County: 06111 CALIFORNIA/VENTURA  
 STORET Station ID(s): 341618118552201  
 Within Park Boundary: No

Date Created: 07/28/90

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 16.10  
 Distance from RF3: 0.09

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: SAMO0120

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/90-09/01/93	3	22.5	23.667	28.	20.5	15.083	3.884	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/23/90-09/01/93	2	23.75	23.75	25.	22.5	3.125	1.768	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/23/90-09/01/93	3	12.	13.333	18.	10.	17.333	4.163	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/23/90-09/01/93	3	1750.	1759.667	1800.	1729.	1330.333	36.474	**	**	**
00400	PH (STANDARD UNITS)	05/23/90-09/01/93	3	8.	7.983	8.05	7.9	0.006	0.076	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/23/90-09/01/93	3	8.	7.979	8.05	7.9	0.006	0.077	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/90-09/01/93	3	0.01	0.011	0.013	0.009	0.	0.002	**	**	**
00403	PH, LAB, STANDARD UNITS SU	05/23/90-09/01/93	3	7.4	7.533	7.8	7.4	0.053	0.231	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	05/23/90-09/01/93	3	7.4	7.497	7.8	7.4	0.055	0.235	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/90-09/01/93	3	0.04	0.032	0.04	0.016	0.	0.014	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	05/23/90-05/23/90	1	203.	203.	203.	203.	0.	0.	**	**	**
00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	05/23/90-05/23/90	1	201.	201.	201.	201.	0.	0.	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/23/90-09/01/93	3	4.6	3.833	4.6	2.3	1.763	1.328	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/01/93-09/01/93	1	0.93	0.93	0.93	0.93	0.	0.	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	05/23/90-09/01/93	3	5.7	6.1	8.8	3.8	6.37	2.524	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/23/90-09/01/93	3	1.8	2.233	3.2	1.7	0.703	0.839	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/23/90-09/01/93	3	1.7	2.2	3.4	1.5	1.09	1.044	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	05/23/90-09/01/93	3	130.	133.333	150.	120.	233.333	15.275	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/23/90-09/01/93	3	43.	44.	49.	40.	21.	4.583	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	05/23/90-09/01/93	3	180.	176.667	180.	170.	33.333	5.774	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/23/90-09/01/93	3	8.7	8.9	9.4	8.6	0.19	0.436	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/23/90-09/01/93	3	180.	180.	190.	170.	100.	10.	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/23/90-09/01/93	3	440.	446.667	500.	400.	2533.333	50.332	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/23/90-09/01/93	3	0.4	0.333	0.4	0.2	0.013	0.115	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	05/23/90-09/01/93	3	32.	32.	32.	32.	0.	0.	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/01/93-09/01/93	1	1.	1.	1.	1.	0.	0.	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	05/23/90-09/01/93	3	36.	37.	42.	33.	21.	4.583	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	05/23/90-09/01/93	3	880.	886.667	910.	870.	433.333	20.817	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	05/23/90-09/01/93	3	9.	10.333	15.	7.	17.333	4.163	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/23/90-09/01/93	3	9.	8.333	11.	5.	9.333	3.055	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	09/01/93-09/01/93	1	1400.	1400.	1400.	1400.	0.	0.	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/05/90-09/05/90	1	30.	30.	30.	30.	0.	0.	**	**	**
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	09/05/90-09/05/90	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**
39036	ALKALINITY,FILTERED SAMPLE AS CaCO3 MG/L	09/05/90-09/01/93	2	186.	186.	201.	171.	450.	21.213	**	**	**
39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CaCO3,MG/L	09/01/93-09/01/93	1	200.	200.	200.	200.	0.	0.	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/23/90-09/01/93	3	1180.	1193.333	1280.	1120.	6533.333	80.829	**	**	**
71865	IODIDE (MG/L AS I)	05/23/90-09/01/93	3	0.06	0.06	0.08	0.04	0.	0.02	**	**	**
71870	BROMIDE (MG/L AS BR)	05/23/90-09/01/93	3	0.43	0.433	0.44	0.43	0.	0.006	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: SAMO0120

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82082 DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	05/23/90-09/01/93	3	-52.	-53.3	-51.9	-56.	5.47	2.339	**	**	**	**
82085 OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	05/23/90-09/01/93	3	-7.25	-7.233	-7.05	-7.4	0.031	0.176	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0120

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400 PH	Other-Hi Lim.	9.	3	0	0.00	2	0	0.00				1	0	0.00			
	Other-Lo Lim.	6.5	3	0	0.00	2	0	0.00				1	0	0.00			
	Other-Hi Lim.	9.	3	0	0.00	2	0	0.00				1	0	0.00			
00403 PH, LAB	Other-Lo Lim.	6.5	3	0	0.00	2	0	0.00				1	0	0.00			
	Other-Hi Lim.	9.	3	0	0.00	2	0	0.00				1	0	0.00			
	Other-Lo Lim.	6.5	3	0	0.00	2	0	0.00				1	0	0.00			
00613 NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00940 CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	3	0	0.00	2	0	0.00				1	0	0.00			
	Drinking Water	250.	3	0	0.00	2	0	0.00				1	0	0.00			
	Drinking Water	250.	3	3	1.00	2	2	1.00				1	1	1.00			
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	4.	3	0	0.00	2	0	0.00				1	0	0.00			
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	3	0	0.00	2	0	0.00				1	0	0.00			
01000 ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00	1	0	0.00									
	Drinking Water	50.	1	0	0.00	1	0	0.00									
	Drinking Water	50.	1	0	0.00	1	0	0.00									
01005 BARIUM, DISSOLVED	Drinking Water	2000.	3	0	0.00	2	0	0.00				1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: SAMO0121

NPS Station ID: SAMO0121

Location: ARROYO LAS POSAS @ HITCH BLVD BRIDGE

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 18070103

Major Basin: CALIFORNIA

Minor Basin: SANTA CLARA RIVER

RF1 Index: 18070103

RF3 Index: 18070103009700.00

Description:

LAT/LON: 34.271671/-118.923615

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 9.35

Agency: 21CAL-4

FIPS State/County: 06111 CALIFORNIA/VENTURA

STORET Station ID(s): WB0441618185525

Within Park Boundary: No

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.00

Distance from RF3: 0.13

Date Created: 08/29/87

On/Off RF1:

On/Off RF3:

Parameter Inventory for Station: SAMO0121

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
***** No Parameter Data at this Station Suitable for Statistical Analysis *****												

## Station Inventory for Station: SAMO0122

NPS Station ID: SAMO0122  
 Location: S B OF ARROYO CONEJO C A HWY 101  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070103  
 Major Basin: LOS ANGELES AREA  
 Minor Basin: CALLEGUAS-CONEJO CREEKS  
 RF1 Index: 18070103  
 RF3 Index: 18070103000307.06

LAT/LON: 34.184726/-118.924727

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 7.06

Agency: 21CAL-1  
 FIPS State/County: 06111 CALIFORNIA/VENTURA  
 STORET Station ID(s): Z4435550 /4036403  
 Within Park Boundary: No

Date Created: 08/27/76

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 0.00  
 Distance from RF3: 0.02

On/Off RF1:  
 On/Off RF3:

Description:  
 SURFACE WATER STATION; DATA MANAGER CODE: 3; AREAL CODE: ; BEGINNING OF RECORD: . ; ELEVATION: 660 ;  
 STATION NAME: S B OF ARROYO CONEJO C A HWY 101 ; DWR COUNTY CODE: 56; LATITUDE: 341105; LONGITUDE: 1185529;  
 CALIFORNIA COORDINATES:

### Parameter Inventory for Station: SAMO0122

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	02/09/62-02/09/62	1	58.	58.	58.	58.	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	01/27/56-04/02/65	3	10.	11.	20.	3.	73.	8.544	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/27/56-04/02/65	3	231.	227.	260.	190.	1237.	35.171	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	01/27/56-04/02/65	3	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	01/27/56-04/02/65	3	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/27/56-04/02/65	3	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	01/27/56-04/02/65	3	54.	56.	61.	53.	19.	4.359	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	01/27/56-04/02/65	3	75.	72.333	89.	53.	329.333	18.148	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	01/27/56-04/02/65	3	14.	14.667	17.	13.	4.333	2.082	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	01/27/56-04/02/65	3	8.	8.667	13.	5.	16.333	4.041	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	01/27/56-04/02/65	3	18.	17.667	19.	16.	2.333	1.528	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	01/27/56-04/02/65	3	2.9	4.033	7.2	2.	7.723	2.779	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	01/27/56-04/02/65	3	18.	16.333	24.	7.	74.333	8.622	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	01/27/56-04/02/65	3	32.	29.667	34.	23.	34.333	5.859	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	02/09/62-04/02/65	2	0.45	0.45	0.5	0.4	0.005	0.071	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	02/09/62-02/09/62	1	24.	24.	24.	24.	0.	0.	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	01/27/56-04/02/65	3	170.	150.	180.	100.	1900.	43.589	**	**	**	**
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/27/56-04/02/65	3	158.	156.	200.	110.	2028.	45.033	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	01/27/56-04/02/65	3	7.7	6.5	8.8	3.	9.49	3.081	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0122

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
00403 PH, LAB	Other-Hi Lim.	9.	3	0	0.00	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
	Other-Lo Lim.	6.5	3	0	0.00				2	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### EPA Water Quality Criteria Analysis for Station: SAMO0122

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00941	CHLORIDE, DISSOLVED IN WATER																
	Fresh Acute	860.	3	0	0.00				2	0	0.00	1	0	0.00			
	Drinking Water	250.	3	0	0.00				2	0	0.00	1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)								2	0	0.00	1	0	0.00			
	Drinking Water	250.	3	0	0.00				2	0	0.00	1	0	0.00			
00950	FLUORIDE, DISSOLVED AS F								1	0	0.00	1	0	0.00			
	Drinking Water	4.	2	0	0.00				1	0	0.00	1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)								2	0	0.00	1	0	0.00			
	Drinking Water	44.	3	0	0.00				2	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0123

NPS Station ID: SAMO0123 Location: CONEJO C IMI US/ARROYO SANTA ROSA Station Type: /TYPA/AMBNT/STREAM RMI-Indexes: RMI-Miles: HUC: 18070103 Major Basin: LOS ANGELES AREA Minor Basin: CALLEGUAS-CONEJO CREEKS RF1 Index: 18070103003 RF3 Index: 18070103000306.05 Description: SURFACE WATER STATION; DATA MANAGER CODE: 3; AREAL CODE: ; BEGINNING OF RECORD: . ; ELEVATION: 250 ; STATION NAME: CONEJO C IMI US/ARROYO SANTA ROSA; CALIFORNIA COORDINATES:	LAT/LON: 34.217781/-118.928059          Depth of Water: 0 Elevation: 0  RF1 Mile Point: 8.570 RF3 Mile Point: 6.05	Agency: 21CAL-1 FIPS State/County: 06111 CALIFORNIA/VENTURA STORET Station ID(s): Z4434550 /4036402 Within Park Boundary: No  Aquifer: Water Body Id: ECO Region: Distance from RF1: 0.00 Distance from RF3: 0.03
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Date Created: 08/27/76

On/Off RF1: OFF  
On/Off RF3:

### Parameter Inventory for Station: SAMO0123

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061 FLOW, STREAM, INSTANTANEOUS CFS	06/06/52-06/06/52	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/06/52-06/06/52	1	1361.	1361.	1361.	1361.	0.	0.	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	06/06/52-06/06/52	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	06/06/52-06/06/52	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/06/52-06/06/52	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	06/06/52-06/06/52	1	308.	308.	308.	308.	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	06/06/52-06/06/52	1	560.	560.	560.	560.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	06/06/52-06/06/52	1	114.	114.	114.	114.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	06/06/52-06/06/52	1	68.	68.	68.	68.	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	06/06/52-06/06/52	1	86.	86.	86.	86.	0.	0.	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	06/06/52-06/06/52	1	117.	117.	117.	117.	0.	0.	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	06/06/52-06/06/52	1	264.	264.	264.	264.	0.	0.	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	06/06/52-06/06/52	1	800.	800.	800.	800.	0.	0.	**	**	**	**
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/06/52-06/06/52	1	951.	951.	951.	951.	0.	0.	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/06/52-06/06/52	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0123

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403 PH, LAB	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
	Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00941 CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
	Drinking Water	250.	1	0	0.00	1	0	0.00									
00946 SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	1	1.00	1	1	1.00									
	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0124

NPS Station ID: SAMO0124  
 Location: ARROYO CONEJO A HILL CYN CA  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC:  
 Major Basin:  
 Minor Basin:  
 RF1 Index:  
 RF3 Index: 18070103000301.81  
 Description:

LAT/LON: 34.226116/-118.929171

Depth of Water: 0  
 Elevation: 0  
 RF1 Mile Point: 0.000  
 RF3 Mile Point: 4.66

Agency: 112WRD  
 FIPS State/County: 06111 CALIFORNIA/VENTURA  
 STORET Station ID(s): 341334118554501  
 Within Park Boundary: No

Date Created: 11/24/90

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 0.60  
 Distance from RF3: 0.02

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: SAMO0124

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/10/90-07/10/90	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/10/90-07/10/90	1	31.5	31.5	31.5	31.5	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	07/10/90-07/10/90	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/10/90-07/10/90	1	1310.	1310.	1310.	1310.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	07/10/90-07/10/90	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	07/10/90-07/10/90	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/10/90-07/10/90	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	07/10/90-07/10/90	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	07/10/90-07/10/90	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/10/90-07/10/90	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
00608 NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	07/10/90-07/10/90	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00623 NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	07/10/90-07/10/90	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00631 NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/10/90-07/10/90	1	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00666 PHOSPHORUS, DISSOLVED (MG/L AS P)	07/10/90-07/10/90	1	5.3	5.3	5.3	5.3	0.	0.	**	**	**	**
00671 PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/10/90-07/10/90	1	3.9	3.9	3.9	3.9	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS CA)	07/10/90-07/10/90	1	46.	46.	46.	46.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	07/10/90-07/10/90	1	32.	32.	32.	32.	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS NA)	07/10/90-07/10/90	1	130.	130.	130.	130.	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	07/10/90-07/10/90	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00940 CHLORIDE,TOTAL IN WATER MG/L	07/10/90-07/10/90	1	170.	170.	170.	170.	0.	0.	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	07/10/90-07/10/90	1	150.	150.	150.	150.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	07/10/90-07/10/90	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SI02)	07/10/90-07/10/90	1	23.	23.	23.	23.	0.	0.	**	**	**	**
01005 BARIUM, DISSOLVED (UG/L AS BA)	07/10/90-07/10/90	1	22.	22.	22.	22.	0.	0.	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	07/10/90-07/10/90	1	480.	480.	480.	480.	0.	0.	**	**	**	**
01046 IRON, DISSOLVED (UG/L AS FE)	07/10/90-07/10/90	1	29.	29.	29.	29.	0.	0.	**	**	**	**
01056 MANGANESE, DISSOLVED (UG/L AS MN)	07/10/90-07/10/90	1	33.	33.	33.	33.	0.	0.	**	**	**	**
38260 METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/10/90-07/10/90	1	0.32	0.32	0.32	0.32	0.	0.	**	**	**	**
39036 ALKALINITY,FILTERED SAMPLE AS CaCO3 MG/L	07/10/90-07/10/90	1	204.	204.	204.	204.	0.	0.	**	**	**	**
39086 ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CaCO3,MG/L	07/10/90-07/10/90	1	198.	198.	198.	198.	0.	0.	**	**	**	**
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/10/90-07/10/90	1	700.	700.	700.	700.	0.	0.	**	**	**	**
71865 IODIDE (MG/L AS I)	07/10/90-07/10/90	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
71870 BROMIDE (MG/L AS BR)	07/10/90-07/10/90	1	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
82082 DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	07/10/90-07/10/90	1	-64.5	-64.5	-64.5	-64.5	0.	0.	**	**	**	**
82084 NITROGEN-15/NITROGEN-14 STABLE ISOTOPE RATIO/MIL	07/10/90-07/10/90	1	-1.3	-1.3	-1.3	-1.3	0.	0.	**	**	**	**
82085 OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	07/10/90-07/10/90	1	-8.65	-8.65	-8.65	-8.65	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot



### EPA Water Quality Criteria Analysis for Station: SAMO0124

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0125

NPS Station ID: SAMO0125  
 Location: CONEJO CR AT S. BDY OF U-03.F3  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070103  
 Major Basin: LOS ANGELES AREA  
 Minor Basin: CALLEGUAS-CONEJO CREEKS  
 RF1 Index: 18070103003  
 RF3 Index: 18070103000302.90  
 Description:  
 SURFACE WATER STATION; DATA MANAGER CODE: 3; AREAL CODE: ; BEGINNING OF RECORD: . ; ELEVATION: 240 ;  
 STATION NAME: CONEJO CR AT S. BDY OF U-03.F3 ; DWR COUNTY CODE: 56; LATITUDE: 341335; LONGITUDE: 1185547;  
 CALIFORNIA COORDINATES:

LAT/LON: 34.226392/-118.929726

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 8.070  
 RF3 Mile Point: 8.33

Agency: 21CAL-1  
 FIPS State/County: 06111 CALIFORNIA/VENTURA  
 STORET Station ID(s): Z4434210 /4036401  
 Within Park Boundary: No

Date Created: 08/27/76

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 0.00  
 Distance from RF3: 0.03

On/Off RF1: OFF  
 On/Off RF3:

### Parameter Inventory for Station: SAMO0125

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	02/25/74-03/05/74	2	53.	53.	53.	53.	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	02/25/74-03/05/74	2	1250.	1250.	1300.	1200.	5000.	70.711	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/25/74-02/25/74	1	1329.	1329.	1329.	1329.	0.	0.	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	02/25/74-02/25/74	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	02/25/74-02/25/74	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/25/74-02/25/74	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	02/25/74-02/25/74	1	257.	257.	257.	257.	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	02/25/74-02/25/74	1	383.	383.	383.	383.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	02/25/74-02/25/74	1	68.	68.	68.	68.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	02/25/74-02/25/74	1	52.	52.	52.	52.	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	02/25/74-02/25/74	1	136.	136.	136.	136.	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	02/25/74-02/25/74	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	02/25/74-02/25/74	1	137.	137.	137.	137.	0.	0.	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	02/25/74-02/25/74	1	230.	230.	230.	230.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	02/25/74-02/25/74	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01000 ARSENIC, DISSOLVED (UG/L AS AS)	02/25/74-02/25/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	02/25/74-02/25/74	1	650.	650.	650.	650.	0.	0.	**	**	**	**
01025 CADMIUM, DISSOLVED (UG/L AS CD)	02/25/74-02/25/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01040 COPPER, DISSOLVED (UG/L AS CU)	02/25/74-02/25/74	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01046 IRON, DISSOLVED (UG/L AS FE)	02/25/74-02/25/74	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01049 LEAD, DISSOLVED (UG/L AS PB)	02/25/74-02/25/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01056 MANGANESE, DISSOLVED (UG/L AS MN)	02/25/74-02/25/74	1	100.	100.	100.	100.	0.	0.	**	**	**	**
01090 ZINC, DISSOLVED (UG/L AS ZN)	02/25/74-02/25/74	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01220 CHROMIUM, HEXAVALENT, DISSOLVED IN (UG/L AS CR)	02/25/74-02/25/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70300 RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	02/25/74-02/25/74	1	796.	796.	796.	796.	0.	0.	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	02/25/74-02/25/74	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
71900 MERCURY, TOTAL (UG/L AS HG)	03/05/74-03/05/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0125

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403	PH, LAB																
	Other-Hi Lim.	9.	1	0	0.00				1	0	0.00						
	Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00941	CHLORIDE, DISSOLVED IN WATER																
	Fresh Acute	860.	1	0	0.00				1	0	0.00						
	Drinking Water	250.	1	0	0.00				1	0	0.00						
00946	SULFATE, DISSOLVED (AS SO4)																
	Drinking Water	250.	1	0	0.00				1	0	0.00						
00950	FLUORIDE, DISSOLVED AS F																
	Drinking Water	4.	1	0	0.00				1	0	0.00						
01000	ARSENIC, DISSOLVED																
	Fresh Acute	360.	1	0	0.00				1	0	0.00						
	Drinking Water	50.	1	0	0.00				1	0	0.00						
01025	CADMIUM, DISSOLVED																
	Fresh Acute	3.9	1	0	0.00				1	0	0.00						
	Drinking Water	5.	1	0	0.00				1	0	0.00						
01040	COPPER, DISSOLVED																
	Fresh Acute	18.	1	0	0.00				1	0	0.00						
	Drinking Water	1300.	1	0	0.00				1	0	0.00						
01049	LEAD, DISSOLVED																
	Fresh Acute	82.	1	0	0.00				1	0	0.00						
	Drinking Water	15.	1	0	0.00				1	0	0.00						
01090	ZINC, DISSOLVED																
	Fresh Acute	120.	1	0	0.00				1	0	0.00						
	Drinking Water	5000.	1	0	0.00				1	0	0.00						
01220	CHROMIUM, HEXAVALENT, DISSOLVED																
	Fresh Acute	16.	1	0	0.00				1	0	0.00						
	Drinking Water	100.	1	0	0.00				1	0	0.00						
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)																
	Drinking Water	44.	1	0	0.00				1	0	0.00						
71900	MERCURY, TOTAL																
	Fresh Acute	2.4	1	0	0.00							1	0	0.00			
	Drinking Water	2.	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0126

NPS Station ID: SAMO0126  
 Location: GRIMES CANYON CREEK AT HWY 118  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070103  
 Major Basin: LOS ANGELES AREA  
 Minor Basin: CALLEGUAS-CONEJO CREEKS  
 RF1 Index: 18070103005  
 RF3 Index: 18070103022400.05

LAT/LON: 34.272781/-118.933060

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 1.540  
 RF3 Mile Point: 0.05

Agency: 21CAL-1  
 FIPS State/County: 06111 CALIFORNIA/VENTURA  
 STORET Station ID(s): Z4124040 /4036202  
 Within Park Boundary: No

Date Created: 08/27/76

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 0.00  
 Distance from RF3: 0.00

On/Off RF1: OFF  
 On/Off RF3:

### Description:

SURFACE WATER STATION; DATA MANAGER CODE: 3; AREAL CODE: ; BEGINNING OF RECORD: . ; ELEVATION: 330 ;  
 STATION NAME: GRIMES CANYON CREEK AT HWY 118 ; DWR COUNTY CODE: 56; LATITUDE: 341622; LONGITUDE: 1185559;  
 CALIFORNIA COORDINATES:

## Parameter Inventory for Station: SAMO0126

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	02/19/62-02/19/62	1	52.	52.	52.	52.	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	02/19/62-02/19/62	1	136.	136.	136.	136.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/19/62-02/19/62	1	173.	173.	173.	173.	0.	0.	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	02/19/62-02/19/62	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	02/19/62-02/19/62	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/19/62-02/19/62	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	02/19/62-02/19/62	1	80.	80.	80.	80.	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	02/19/62-02/19/62	1	91.	91.	91.	91.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	02/19/62-02/19/62	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	02/19/62-02/19/62	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS NA)	02/19/62-02/19/62	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	02/19/62-02/19/62	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	02/19/62-02/19/62	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	02/19/62-02/19/62	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	02/19/62-02/19/62	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	02/19/62-02/19/62	1	17.	17.	17.	17.	0.	0.	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	02/19/62-02/19/62	1	170.	170.	170.	170.	0.	0.	**	**	**	**
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/19/62-02/19/62	1	145.	145.	145.	145.	0.	0.	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	02/19/62-02/19/62	1	0.	0.	0.	0.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

## EPA Water Quality Criteria Analysis for Station: SAMO0126

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
00403 PH, LAB	Other-Hi Lim.	9.	1	0	0.00	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
	Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### EPA Water Quality Criteria Analysis for Station: SAMO0126

Parameter	Std. Type	Std. Value	Total			-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
			Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00941	CHLORIDE, DISSOLVED IN WATER																
	Fresh Acute	860.	1	0	0.00				1	0	0.00						
	Drinking Water	250.	1	0	0.00				1	0	0.00						
00946	SULFATE, DISSOLVED (AS SO4)																
	Drinking Water	250.	1	0	0.00				1	0	0.00						
00950	FLUORIDE, DISSOLVED AS F																
	Drinking Water	4.	1	0	0.00				1	0	0.00						
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)																
	Drinking Water	44.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0127

NPS Station ID: SAMO0127  
 Location: ARROYO SEQUIT  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC:  
 Major Basin:  
 Minor Basin:  
 RF1 Index:  
 RF3 Index: 18070104001600.61  
 Description:

LAT/LON: 34.046949/-118.933893

Depth of Water: 0  
 Elevation: 0  
 RF1 Mile Point: 0.000  
 RF3 Mile Point: 1.27

Agency: 112WRD  
 FIPS State/County: 06037 CALIFORNIA/LOS ANGELES  
 STORET Station ID(s): 340249118560201  
 Within Park Boundary: Yes

Date Created: 05/03/86

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 1.40  
 Distance from RF3: 0.00

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: SAMO0127

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/13/86-02/13/86	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/13/86-02/13/86	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00025 BAROMETRIC PRESSURE (MM OF HG)	02/13/86-02/13/86	1	764.	764.	764.	764.	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	02/13/86-02/13/86	1	60.	60.	60.	60.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/13/86-02/13/86	1	295.	295.	295.	295.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	02/13/86-02/13/86	1	9.9	9.9	9.9	9.9	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	02/13/86-02/13/86	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	02/13/86-02/13/86	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/13/86-02/13/86	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	03/10/86-03/10/86	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	03/10/86-03/10/86	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/10/86-03/10/86	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	02/13/86-02/13/86	1	107.	107.	107.	107.	0.	0.	**	**	**	**
00631 NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	03/10/86-03/10/86	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00671 PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/10/86-03/10/86	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	03/10/86-03/10/86	1	170.	170.	170.	170.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	03/10/86-03/10/86	1	34.	34.	34.	34.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS Mg)	03/10/86-03/10/86	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	03/10/86-03/10/86	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00931 SODIUM ADSORPTION RATIO	03/10/86-03/10/86	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00932 SODIUM, PERCENT	03/10/86-03/10/86	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	03/10/86-03/10/86	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	03/10/86-03/10/86	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	03/10/86-03/10/86	1	39.	39.	39.	39.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	03/10/86-03/10/86	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	03/10/86-03/10/86	1	38.	38.	38.	38.	0.	0.	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	03/10/86-03/10/86	1	80.	80.	80.	80.	0.	0.	**	**	**	**
01046 IRON, DISSOLVED (UG/L AS Fe)	03/10/86-03/10/86	1	46.	46.	46.	46.	0.	0.	**	**	**	**
39024 PROPANINE, COULSON CONDUCTIVITY, WATER SAMPL(UG/L)	02/13/86-02/13/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39054 SIMETRYNE IN WHOLE WATER (UG/L)	02/13/86-02/13/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39055 SIMAZINE IN WHOLE WATER (UG/L)	02/13/86-02/13/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39056 PROMETONE IN WHOLE WATER (UG/L)	02/13/86-02/13/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39057 PROMETRYNE IN WHOLE WATER (UG/L)	02/13/86-02/13/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39398 ETHION IN WHOLE WATER SAMPLE (UG/L)	02/13/86-02/13/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39530 MALATHION IN WHOLE WATER SAMPLE (UG/L)	02/13/86-02/13/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39540 PARATHION IN WHOLE WATER SAMPLE (UG/L)	02/13/86-02/13/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39570 DIAZINON IN WHOLE WATER SAMPLE (UG/L)	02/13/86-02/13/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39600 METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	02/13/86-02/13/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: SAMO0127

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	02/13/86-02/13/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	02/13/86-02/13/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	02/13/86-02/13/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/10/86-03/10/86	1	264.	264.	264.	264.	0.	0.	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	03/10/86-03/10/86	1	264.	264.	264.	264.	0.	0.	**	**	**
81757	CYANAZINE IN THE WHOLE WATER SAMPLE UG/L	02/13/86-02/13/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
82184	AMETRYNE (GESAPAX OR EVIK) TOTAL UG/L	02/13/86-02/13/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0127

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00			1	0	0.00						
00400	PH	Other-Hi Lim.	9.	1	0	0.00			1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00			1	0	0.00						
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00						1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00						1	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00						1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00						1	0	0.00			
		Drinking Water	250.	1	0	0.00						1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00						1	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00						1	0	0.00			
39055	SIMAZINE IN WHOLE WATER	Drinking Water	4.	1	0	0.00			1	0	0.00						
39540	PARATHION IN WHOLE WATER SAMPLE	Fresh Acute	0.065	1	0	0.00			1	0	0.00						
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE	Drinking Water	3.	1	0	0.00			1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0128

NPS Station ID: SAMO0128  
 Location: ARROYO SEQUIT A CARRILLO ST BCH NR PT MUGU CA  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070104  
 Major Basin:  
 Minor Basin:  
 RF1 Index: 18070104  
 RF3 Index: 18070104001500.00  
 Description:

LAT/LON: 34.045559/-118.933893

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 0.00

Agency: 112WRD  
 FIPS State/County: 06037 CALIFORNIA/LOS ANGELES  
 STORET Station ID(s): 11105660  
 Within Park Boundary: Yes

Date Created: 12/30/89

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 2.00  
 Distance from RF3: 0.00

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: SAMO0128

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/13/86-02/13/86	1	16.	16.	16.	16.	0.	0.	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/13/86-02/13/86	1	19.	19.	19.	19.	0.	0.	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	02/13/86-02/13/86	1	764.	764.	764.	764.	0.	0.	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/13/86-02/13/86	1	60.	60.	60.	60.	0.	0.	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/13/86-02/13/86	1	295.	295.	295.	295.	0.	0.	**	**	**
00300	OXYGEN, DISSOLVED MG/L	02/13/86-02/13/86	1	9.9	9.9	9.9	9.9	0.	0.	**	**	**
00400	PH (STANDARD UNITS)	02/13/86-02/13/86	1	8.	8.	8.	8.	0.	0.	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/13/86-02/13/86	1	8.	8.	8.	8.	0.	0.	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/13/86-02/13/86	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**
00403	PH, LAB, STANDARD UNITS SU	02/13/86-02/13/86	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	02/13/86-02/13/86	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/13/86-02/13/86	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	02/13/86-02/13/86	1	107.	107.	107.	107.	0.	0.	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	02/13/86-02/13/86	1	1.	1.	1.	1.	0.	0.	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	02/13/86-02/13/86	1	24.	24.	24.	24.	0.	0.	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/13/86-02/13/86	1	13.	13.	13.	13.	0.	0.	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	02/13/86-02/13/86	1	19.	19.	19.	19.	0.	0.	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/13/86-02/13/86	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	02/13/86-02/13/86	1	7.	7.	7.	7.	0.	0.	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	02/13/86-02/13/86	1	18.	18.	18.	18.	0.	0.	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/13/86-02/13/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	02/13/86-02/13/86	1	27.	27.	27.	27.	0.	0.	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	02/13/86-02/13/86	1	3.	3.	3.	3.	0.	0.	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	02/13/86-02/13/86	1	50.	50.	50.	50.	0.	0.	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	02/13/86-02/13/86	1	100.	100.	100.	100.	0.	0.	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	02/13/86-02/13/86	1	120.	120.	120.	120.	0.	0.	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	02/13/86-02/13/86	1 ##	50.	50.	50.	50.	0.	0.	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	02/13/86-02/13/86	1	120.	120.	120.	120.	0.	0.	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	02/13/86-02/13/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	02/13/86-02/13/86	1	0.	0.	0.	0.	0.	0.	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	02/13/86-02/13/86	1	0.	0.	0.	0.	0.	0.	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	02/13/86-02/13/86	1	0.	0.	0.	0.	0.	0.	**	**	**
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	02/13/86-02/13/86	1	1400.	1400.	1400.	1400.	0.	0.	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	02/13/86-02/13/86	1	3.146	3.146	3.146	3.146	0.	0.	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	02/13/86-02/13/86	1	1400.	1400.	1400.	1400.	0.	0.	**	**	**
39024	PROPAZINE,COULSON CONDUCTIVITY,WATER SAMPL(UG/L)	02/13/86-02/13/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
39054	SIMETRYNE IN WHOLE WATER (UG/L)	02/13/86-02/13/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
39055	SIMAZINE IN WHOLE WATER (UG/L)	02/13/86-02/13/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot



### Parameter Inventory for Station: SAMO0128

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39056	PROMETONE IN WHOLE WATER (UG/L)	02/13/86-02/13/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
39057	PROMETRYNE IN WHOLE WATER (UG/L)	02/13/86-02/13/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	02/13/86-02/13/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	02/13/86-02/13/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	02/13/86-02/13/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	02/13/86-02/13/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	02/13/86-02/13/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	02/13/86-02/13/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	02/13/86-02/13/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	02/13/86-02/13/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/13/86-02/13/86	1	158.	158.	158.	158.	0.	0.	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	02/13/86-02/13/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
81757	CYANAZINE IN THE WHOLE WATER SAMPLE UG/L	02/13/86-02/13/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
82184	AMETRYNE (GESAPAX OR EVIK) TOTAL UG/L	02/13/86-02/13/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0128

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----		-----11/01-2/29-----		-----3/01-5/31-----		-----n/a-----	
						Obs	Exceed	Obs	Exceed	Obs	Exceed	Obs	Exceed
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00		1	0	0.00			
00400	PH	Other-Hi Lim.	9.	1	0	0.00		1	0	0.00			
00403	PH, LAB	Other-Lo Lim.	6.5	1	0	0.00		1	0	0.00			
		Other-Hi Lim.	9.	1	0	0.00		1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00		1	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00		1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00		1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00		1	0	0.00			
		Drinking Water	250.	1	0	0.00		1	0	0.00			
		Drinking Water	4.	1	0	0.00		1	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00		1	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00		1	0	0.00			
01042	COPPER, TOTAL	Drinking Water	50.	1	0	0.00		1	0	0.00			
		Fresh Acute	18.	1	1	1.00		1	1	1.00			
		Drinking Water	1300.	1	0	0.00		1	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00		1	0	0.00			
01092	ZINC, TOTAL	Drinking Water	15.	0 &	0	0.00							
		Fresh Acute	120.	1	1	1.00		1	1	1.00			
		Drinking Water	5000.	1	0	0.00		1	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	1	0	0.00		1	0	0.00			
31625	FECAL COLIFORM, MF	Drinking Water	50.	1	0	0.00		1	0	0.00			
		Other-Hi Lim.	200.	1	0	0.00		1	0	0.00			
		Drinking Water	4.	1	0	0.00		1	0	0.00			
39055	SIMAZINE IN WHOLE WATER	Drinking Water	4.	1	0	0.00		1	0	0.00			
39540	PARATHION IN WHOLE WATER SAMPLE	Fresh Acute	0.065	1	0	0.00		1	0	0.00			
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE	Drinking Water	3.	1	0	0.00		1	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00		1	0	0.00			
		Drinking Water	2.	1	0	0.00		1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0129

NPS Station ID: SAMO0129  
Location: ARROYO SEQUIT @ PACIFIC CST HWY  
Station Type: /TYPA/AMBNT/STREAM  
RMI-Indexes:  
RMI-Miles:  
HUC:  
Major Basin: SANTA MONICA BAY  
Minor Basin: TRIUNFO PASS QUADRANGLE  
RF1 Index:  
RF3 Index: 18070104002600.00  
Description:

LAT/LON: 34.045281/-118.934170

Agency: 21CALAFD  
FIPS State/County: 06037 CALIFORNIA/  
STORET Station ID(s): ARSPAC /TG 110C3C7 1  
Within Park Boundary: Yes

Date Created: 09/28/78

Depth of Water: 999  
Elevation: 0

Aquifer:  
Water Body Id:  
ECO Region:  
Distance from RF1: 0.00  
Distance from RF3: 0.37

On/Off RF1:  
On/Off RF3:

### Parameter Inventory for Station: SAMO0129

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
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\*\*\*\*\* No Parameter Data Available for this Station \*\*\*\*\*

Station Inventory for Station: SAMO0130

NPS Station ID: SAMO0130  
Location: SESPE C A ROUTE 126 CA  
Station Type: /TYPA/AMBNT/STREAM  
RMI-Indexes:  
RMI-Miles:  
HUC: 18070103  
Major Basin:  
Minor Basin:  
RF1 Index: 18070103  
RF3 Index: 18070103017200.00  
Description:

LAT/LON: 34.252781/-118.946116  
  
  
  
  
  
  
  
  
  
Depth of Water: 0  
Elevation: 0  
  
RF1 Mile Point: 0.000  
RF3 Mile Point: 0.69

Agency: 112WRD  
FIPS State/County: 06111 CALIFORNIA/VENTURA  
STORET Station ID(s): 342337118562401  
Within Park Boundary: No  
  
  
Aquifer:  
Water Body Id:  
ECO Region:  
Distance from RF1: 19.90  
Distance from RF3: 0.33

Date Created: 03/21/92  
  
  
  
  
  
  
  
  
  
On/Off RF1:  
On/Off RF3:

Parameter Inventory for Station: SAMO0130

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061 FLOW, STREAM, INSTANTANEOUS CFS	09/30/91-10/23/91	3	0.	0.	0.	0.	0.	0.	**	**	**	**
82082 DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	08/18/93-08/18/93	1	-52.9	-52.9	-52.9	-52.9	0.	0.	**	**	**	**
82085 OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	08/18/93-08/18/93	1	-7.46	-7.46	-7.46	-7.46	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

\*\*\*\*\* No EPA Water Quality Criteria exist to compare against the data at this station. \*\*\*\*\*

## Station Inventory for Station: SAMO0131

NPS Station ID: SAMO0131  
 Location: LITTLE SYCAMORE CYN C A HWY 1 NR SOLROMAR CA  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070104  
 Major Basin:  
 Minor Basin:  
 RF1 Index: 18070104  
 RF3 Index: 18070103000607.23  
 Description:

LAT/LON: 34.053615/-118.963059

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 8.30

Agency: 112WRD  
 FIPS State/County: 06111 CALIFORNIA/VENTURA  
 STORET Station ID(s): 340313118574701  
 Within Park Boundary: Yes

Date Created: 07/02/88

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 0.60  
 Distance from RF3: 0.09

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: SAMO0131

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/17/82-02/13/86	2	14.	14.	14.	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/13/86-02/13/86	1	17.	17.	17.	0.	0.	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	03/17/82-02/13/86	2	757.5	757.5	765.	112.5	10.607	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/17/82-02/13/86	2	2.85	2.85	5.	9.245	3.041	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/17/82-02/13/86	2	1002.5	1002.5	1220.	94612.5	307.591	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/17/82-02/13/86	2	9.45	9.45	10.1	0.845	0.919	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/17/82-03/17/82	1	87.	87.	87.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	03/17/82-02/13/86	2	7.85	7.85	8.2	0.245	0.495	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/17/82-02/13/86	2	7.722	7.722	8.2	0.278	0.527	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/17/82-02/13/86	2	0.019	0.019	0.032	0.006	0.018	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/17/82-03/17/82	1	8.2	8.2	8.2	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/17/82-03/17/82	1	8.2	8.2	8.2	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/17/82-03/17/82	1	0.006	0.006	0.006	0.006	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	03/17/82-03/17/82	1	3.6	3.6	3.6	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	02/13/86-02/13/86	1	230.	230.	230.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	03/17/82-02/13/86	2	1.55	1.55	2.1	0.605	0.778	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/17/82-03/17/82	1	0.49	0.49	0.49	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/17/82-02/13/86	2	0.135	0.135	0.16	0.001	0.035	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	03/17/82-02/13/86	2	425.	425.	520.	18050.	134.35	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	03/17/82-02/13/86	2	163.	163.	230.	8978.	94.752	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	03/17/82-02/13/86	2	87.5	87.5	107.	760.5	27.577	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	03/17/82-02/13/86	2	49.5	49.5	61.	264.5	16.263	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	03/17/82-02/13/86	2	57.5	57.5	65.	112.5	10.607	**	**	**	**
00931	SODIUM ADSORPTION RATIO	03/17/82-02/13/86	2	1.15	1.15	1.3	0.045	0.212	**	**	**	**
00932	SODIUM, PERCENT	03/17/82-02/13/86	2	23.	23.	25.	8.	2.828	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/17/82-02/13/86	2	3.55	3.55	3.7	0.045	0.212	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	03/17/82-02/13/86	2	55.5	55.5	70.	420.5	20.506	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	03/17/82-02/13/86	2	220.	220.	280.	7200.	84.853	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/17/82-02/13/86	2	0.35	0.35	0.4	0.005	0.071	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	03/17/82-02/13/86	2	29.	29.	30.	2.	1.414	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	02/13/86-02/13/86	1 ##	0.5	0.5	0.5	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	02/13/86-02/13/86	1	1.	1.	1.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	02/13/86-02/13/86	1 ##	0.25	0.25	0.25	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	03/17/82-02/13/86	2	90.	90.	90.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	02/13/86-02/13/86	1 ##	0.5	0.5	0.5	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	02/13/86-02/13/86	1 ##	5.	5.	5.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	02/13/86-02/13/86	1	3.	3.	3.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	03/17/82-02/13/86	2	50.	50.	76.	1352.	36.77	**	**	**	**

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### Parameter Inventory for Station: SAMO0131

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01049 LEAD, DISSOLVED (UG/L AS PB)	02/13/86-02/13/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01056 MANGANESE, DISSOLVED (UG/L AS MN)	02/13/86-02/13/86	1	26.	26.	26.	26.	0.	0.	**	**	**	**
01065 NICKEL, DISSOLVED (UG/L AS NI)	02/13/86-02/13/86	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01090 ZINC, DISSOLVED (UG/L AS ZN)	02/13/86-02/13/86	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01145 SELENIUM, DISSOLVED (UG/L AS SE)	02/13/86-02/13/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01147 SELENIUM, TOTAL (UG/L AS SE)	02/13/86-02/13/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31625 FECAL COLIFORM, MF,M-FC, 0.7 UM	03/17/82-02/13/86	2	3250.	3250.	5300.	1200.	8405000.	2899.138	**	**	**	**
31625 LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	03/17/82-02/13/86	2	3.402	3.402	3.724	3.079	0.208	0.456	**	**	**	**
31625 GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			2521.904								
31673 FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/17/82-02/13/86	2	551600.	551600.	1100000.	3200.601485120000.	775554.718		**	**	**	**
31673 LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/17/82-02/13/86	2	4.773	4.773	6.041	3.505	3.216	1.793	**	**	**	**
31673 GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			59329.588								
39024 PROPАЗINE,COULSON CONDUCTIVITY,WATER SAMPL(UG/L)	03/17/82-03/17/82	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39054 SIMETRYNE IN WHOLE WATER (UG/L)	03/17/82-03/17/82	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39055 SIMAZINE IN WHOLE WATER (UG/L)	03/17/82-03/17/82	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39056 PROMETONE IN WHOLE WATER (UG/L)	03/17/82-03/17/82	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39057 PROMETRYNE IN WHOLE WATER (UG/L)	03/17/82-03/17/82	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39630 ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	03/17/82-03/17/82	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/17/82-02/13/86	2	693.5	693.5	834.	553.	39480.5	198.697	**	**	**	**
70301 SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	03/17/82-02/13/86	2	661.	661.	790.	532.	33282.	182.434	**	**	**	**
70303 SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/17/82-03/17/82	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
71900 MERCURY, TOTAL (UG/L AS HG)	02/13/86-02/13/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
81757 CYANAZINE IN THE WHOLE WATER SAMPLE UG/L	03/17/82-03/17/82	1	0.	0.	0.	0.	0.	0.	**	**	**	**
82184 AMETRYNE (GESAPAX OR EVIK) TOTAL UG/L	03/17/82-03/17/82	1	0.	0.	0.	0.	0.	0.	**	**	**	**
82185 ATRATON (GESTAMIN) TOTAL UG/L	03/17/82-03/17/82	1	0.	0.	0.	0.	0.	0.	**	**	**	**
82187 CYPRAZINE TOTAL UG/L	03/17/82-03/17/82	1	0.	0.	0.	0.	0.	0.	**	**	**	**
82188 SIMETONE TOTAL UG/L	03/17/82-03/17/82	1	0.	0.	0.	0.	0.	0.	**	**	**	**

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### EPA Water Quality Criteria Analysis for Station: SAMO0131

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00				1	0	0.00	1	0	0.00			
00400 PH	Other-Hi Lim.	9.	2	0	0.00				1	0	0.00	1	0	0.00			
	Other-Lo Lim.	6.5	2	0	0.00				1	0	0.00	1	0	0.00			
00403 PH, LAB	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
	Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00631 NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00				1	0	0.00	1	0	0.00			
00940 CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	250.	2	0	0.00				1	0	0.00	1	0	0.00			
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	1	0.50				1	0	0.00	1	1	1.00			
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00				1	0	0.00	1	0	0.00			
01000 ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00				1	0	0.00						
	Drinking Water	50.	1	0	0.00				1	0	0.00						
01002 ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00				1	0	0.00						
	Drinking Water	50.	1	0	0.00				1	0	0.00						
01010 BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00				1	0	0.00						
	Drinking Water	4.	1	0	0.00				1	0	0.00						
01025 CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00				1	0	0.00						
	Drinking Water	5.	1	0	0.00				1	0	0.00						
01030 CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00				1	0	0.00						
01040 COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00				1	0	0.00						
	Drinking Water	1300.	1	0	0.00				1	0	0.00						
01049 LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00				1	0	0.00						
	Drinking Water	15.	1	0	0.00				1	0	0.00						
01065 NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00				1	0	0.00						
	Drinking Water	100.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### EPA Water Quality Criteria Analysis for Station: SAMO0131

Parameter	Std. Type	Std. Value	Total			-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
			Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
01090 ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00				1	0	0.00						
	Drinking Water	5000.	1	0	0.00				1	0	0.00						
01145 SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00				1	0	0.00						
	Drinking Water	50.	1	0	0.00				1	0	0.00						
01147 SELENIUM, TOTAL	Fresh Acute	20.	1	0	0.00				1	0	0.00						
	Drinking Water	50.	1	0	0.00				1	0	0.00						
31625 FECAL COLIFORM, MF	Other-Hi Lim.	200.	2	2	1.00				1	1	1.00	1	1	1.00			
39055 SIMAZINE IN WHOLE WATER	Drinking Water	4.	1	0	0.00							1	0	0.00			
39630 ATRAZINE(AATREX) IN WHOLE WATER SAMPLE	Drinking Water	3.	1	0	0.00							1	0	0.00			
71900 MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00				1	0	0.00						
	Drinking Water	2.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0132

NPS Station ID: SAMO0132  
 Location: CONEJO C A ENTRANCE TO PLEASANT V  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070103  
 Major Basin: LOS ANGELES AREA  
 Minor Basin: CALLEGUAS-CONEJO CREEKS  
 RF1 Index: 18070103003  
 RF3 Index: 18070103000301.81

LAT/LON: 34.236671/-118.963892

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 5.610  
 RF3 Mile Point: 4.12

Agency: 21CAL-1  
 FIPS State/County: 06111 CALIFORNIA/VENTURA  
 STORET Station ID(s): Z4432550 /4036301  
 Within Park Boundary: No

Date Created: 08/27/76

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 0.00  
 Distance from RF3: 0.00

On/Off RF1: OFF  
 On/Off RF3:

### Description:

SURFACE WATER STATION; DATA MANAGER CODE: 3; AREAL CODE: ; BEGINNING OF RECORD: . ; ELEVATION: 160 ;  
 STATION NAME: CONEJO C A ENTRANCE TO PLEASANT V; DWR COUNTY CODE: 56; LATITUDE: 341412; LONGITUDE: 1185750;  
 CALIFORNIA COORDINATES:

## Parameter Inventory for Station: SAMO0132

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/27/56-01/27/56	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/31/67-03/05/74	3	55.	58.333	69.	51.	89.333	9.452	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	01/27/56-03/05/74	2	21.	21.	40.	2.	722.	26.87	**	**	**	**
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/31/67-01/31/67	1	150.	150.	150.	150.	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/25/74-03/05/74	2	1300.	1300.	1380.	1220.	12800.	113.137	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/27/56-02/25/74	3	1064.	952.	1398.	394.	261412.	511.285	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	01/27/56-02/25/74	3	7.7	7.467	7.9	6.8	0.343	0.586	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	01/27/56-02/25/74	3	7.7	7.196	7.9	6.8	0.453	0.673	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/27/56-02/25/74	3	0.02	0.064	0.158	0.013	0.007	0.082	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	01/27/56-02/25/74	3	167.	154.667	212.	85.	4146.333	64.392	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	01/27/56-02/25/74	3	260.	294.333	435.	188.	16136.333	127.029	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	01/27/56-02/25/74	3	53.	52.667	74.	31.	462.333	21.502	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	01/27/56-02/25/74	3	31.	35.667	61.	15.	545.333	23.352	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	01/27/56-02/25/74	3	125.	95.667	137.	25.	3781.333	61.493	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	01/27/56-02/25/74	3	7.	5.9	7.9	2.8	7.41	2.722	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	01/27/56-02/25/74	3	94.	84.667	137.	23.	3314.333	57.57	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	01/27/56-02/25/74	3	207.	181.	266.	70.	10111.	100.553	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	01/27/56-02/25/74	3	0.7	0.8	1.5	0.2	0.43	0.656	**	**	**	**
01000 ARSENIC, DISSOLVED (UG/L AS AS)	02/25/74-02/25/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	01/27/56-02/25/74	3	440.	400.	650.	110.	74100.	272.213	**	**	**	**
01025 CADMIUM, DISSOLVED (UG/L AS CD)	02/25/74-02/25/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01040 COPPER, DISSOLVED (UG/L AS CU)	02/25/74-02/25/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01046 IRON, DISSOLVED (UG/L AS FE)	02/25/74-02/25/74	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01049 LEAD, DISSOLVED (UG/L AS PB)	02/25/74-02/25/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01056 MANGANESE, DISSOLVED (UG/L AS MN)	02/25/74-02/25/74	1	150.	150.	150.	150.	0.	0.	**	**	**	**
01090 ZINC, DISSOLVED (UG/L AS ZN)	02/25/74-02/25/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01220 CHROMIUM, HEXAVALENT, DISSOLVED IN (UG/L AS CR)	02/25/74-02/25/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/27/56-02/25/74	3	698.	612.667	863.	277.	91310.333	302.176	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	01/27/56-02/25/74	3	28.	29.8	50.2	11.2	382.68	19.562	**	**	**	**
71900 MERCURY, TOTAL (UG/L AS HG)	03/05/74-03/05/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**

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### EPA Water Quality Criteria Analysis for Station: SAMO0132

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076 TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	1	1.00				1	1	1.00						
00403 PH, LAB	Other-Hi Lim.	9.	3	0	0.00				3	0	0.00						
	Other-Lo Lim.	6.5	3	0	0.00				3	0	0.00						
	Fresh Acute	860.	3	0	0.00				3	0	0.00						
00941 CHLORIDE, DISSOLVED IN WATER	Drinking Water	250.	3	0	0.00				3	0	0.00						
	Drinking Water	250.	3	1	0.33				3	1	0.33						
	Drinking Water	4.	3	0	0.00				3	0	0.00						
00946 SULFATE, DISSOLVED (AS SO4)	Fresh Acute	360.	1	0	0.00				1	0	0.00						
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	50.	1	0	0.00				1	0	0.00						
01000 ARSENIC, DISSOLVED	Fresh Acute	3.9	1	0	0.00				1	0	0.00						
	Drinking Water	5.	1	0	0.00				1	0	0.00						
	Drinking Water	18.	1	0	0.00				1	0	0.00						
01025 CADMIUM, DISSOLVED	Drinking Water	1300.	1	0	0.00				1	0	0.00						
	Fresh Acute	82.	1	0	0.00				1	0	0.00						
	Drinking Water	15.	1	0	0.00				1	0	0.00						
01040 COPPER, DISSOLVED	Fresh Acute	120.	1	0	0.00				1	0	0.00						
	Drinking Water	5000.	1	0	0.00				1	0	0.00						
	Fresh Acute	16.	1	0	0.00				1	0	0.00						
01049 LEAD, DISSOLVED	Drinking Water	100.	1	0	0.00				1	0	0.00						
	Fresh Acute	44.	3	1	0.33				3	1	0.33						
	Drinking Water	2.4	1	0	0.00							1	0	0.00			
01090 ZINC, DISSOLVED	Drinking Water	2.	1	0	0.00							1	0	0.00			
01220 CHROMIUM, HEXAVALENT, DISSOLVED	Fresh Acute	2.	1	0	0.00												
	Drinking Water	100.	1	0	0.00				1	0	0.00						
	Fresh Acute	16.	1	0	0.00				1	0	0.00						
71851 NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	3	1	0.33				3	1	0.33						
71900 MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00												
	Drinking Water	2.	1	0	0.00												

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



## Station Inventory for Station: SAMO0133

NPS Station ID: SAMO0133 Location: CONEJO C AB HWY 101 NR CAMARILLO Station Type: /TYPA/AMBNT/STREAM RMI-Indexes: RMI-Miles: HUC: 18070103 Major Basin: CALIFORNIA Minor Basin: SANTA CLARA RIVER RF1 Index: 18070103003 RF3 Index: 18070103000610.18 Description: SURFACE WATER STATION; DATA MANAGER CODE: 3; AREAL CODE: ; BEGINNING OF RECORD: . ; ELEVATION: 800 ; STATION NAME: CONEJO C AB HWY 101 NR CAMARILLO ; DWR COUNTY CODE: 56; LATITUDE: 341412; LONGITUDE: 1185750; CALIFORNIA COORDINATES:	LAT/LON: 34.236671/-118.963892          Depth of Water: 0 Elevation: 0   RF1 Mile Point: 5.610 RF3 Mile Point: 10.52	Agency: 21CAL-1 FIPS State/County: 06111 CALIFORNIA/VENTURA STORET Station ID(s): Z4432500 /4036303 Within Park Boundary: No   Aquifer: Water Body Id: ECO Region: Distance from RF1: 0.00 Distance from RF3: 0.07
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Date Created: 06/02/79

On/Off RF1: OFF  
On/Off RF3:

### Parameter Inventory for Station: SAMO0133

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/29/78-06/29/78	1	72.	72.	72.	72.	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	06/29/78-06/29/78	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/29/78-06/29/78	1	1540.	1540.	1540.	1540.	0.	0.	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	06/29/78-06/29/78	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	06/29/78-06/29/78	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/29/78-06/29/78	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	06/29/78-06/29/78	1	490.	490.	490.	490.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	06/29/78-06/29/78	1	90.	90.	90.	90.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	06/29/78-06/29/78	1	64.	64.	64.	64.	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	06/29/78-06/29/78	1	134.	134.	134.	134.	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	06/29/78-06/29/78	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	06/29/78-06/29/78	1	144.	144.	144.	144.	0.	0.	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	06/29/78-06/29/78	1	320.	320.	320.	320.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	06/29/78-06/29/78	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	06/29/78-06/29/78	1	500.	500.	500.	500.	0.	0.	**	**	**	**
70300 RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	06/29/78-06/29/78	1	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/29/78-06/29/78	1	51.	51.	51.	51.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0133

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
00403 PH, LAB	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
	Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00941 CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
	Drinking Water	250.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: SAMO0133

Parameter	Std. Type	Std. Value	Total	Exceed	Prop.	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
			Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00946	SULFATE, DISSOLVED (AS SO4)	250.	1	1	1.00	1	1	1.00									
00950	FLUORIDE, DISSOLVED AS F	4.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	44.	1	1	1.00	1	1	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: SAMO0134

NPS Station ID: SAMO0134	LAT/LON: 34.119448/-118.982782	Agency: 21CALAFD	Date Created: 05/22/78
Location: BUENA VISTA SPREADING BASIN		FIPS State/County: 06037 CALIFORNIA/LOS ANGELES	
Station Type: /TYPA/AMBNT/STREAM		STORET Station ID(s): BUESPR /TG 39C1 1	
RMI-Indexes:		Within Park Boundary: Yes	
RMI-Miles:			
HUC: 18070104	Depth of Water: 999	Aquifer:	
Major Basin: RIO HONDO	Elevation: 0	Water Body Id:	
Minor Basin: BALDWIN PARK QUADRANGLE		ECO Region:	
RF1 Index: 18070104010	RF1 Mile Point: 5.500	Distance from RF1: 0.00	On/Off RF1: OFF
RF3 Index: 18070105001112.66	RF3 Mile Point: 13.35	Distance from RF3: 0.11	On/Off RF3:
Description:			

Parameter Inventory for Station: SAMO0134

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/10/78-03/04/78	5	10.	10.	11.7	8.3	1.445	1.202	**	**	**
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/10/78-03/04/78	5	50.	50.	53.	47.	4.5	2.121	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/27/77-03/04/78	6	94.5	127.167	315.	55.	9240.567	96.128	**	**	**
00403	PH, LAB, STANDARD UNITS SU	12/27/77-03/04/78	6	7.4	7.45	7.8	7.1	0.071	0.266	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	12/27/77-03/04/78	6	7.389	7.385	7.8	7.1	0.076	0.276	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/27/77-03/04/78	6	0.041	0.041	0.079	0.016	0.001	0.024	**	**	**
00547	RESIDUE, TOTAL NON-SETTLEABLE (MG/L)	12/27/77-03/04/78	6	170.5	205.167	515.	3.	34442.967	185.588	**	**	**
00549	RESIDUE, VOLATILE NONSETTLEABLE (MG/L)	12/27/77-03/04/78	6	34.5	31.333	55.	3.	313.867	17.716	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/27/77-02/28/78	5	60.	92.8	208.	40.	4657.7	68.247	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: SAMO0134

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403	PH, LAB																
	Other-Hi Lim.	9.	6	0	0.00				5	0	0.00	1	0	0.00			
	Other-Lo Lim.	6.5	6	0	0.00				5	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0135

NPS Station ID: SAMO0135  
 Location: CONEJO C A ADOLFO RD CA  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC:  
 Major Basin:  
 Minor Basin:  
 RF1 Index:  
 RF3 Index: 18070103035500.00  
 Description:

LAT/LON: 34.212503/-118.989449

Depth of Water: 0  
 Elevation: 0  
 RF1 Mile Point: 0.000  
 RF3 Mile Point: 0.00

Agency: 112WRD  
 FIPS State/County: 06111 CALIFORNIA/VENTURA  
 STORET Station ID(s): 341245118592201  
 Within Park Boundary: No

Date Created: 11/24/90

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 15.90  
 Distance from RF3: 0.01

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: SAMO0135

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/10/90-07/10/90	1	28.5	28.5	28.5	28.5	0.	0.	**	**	**	**
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/10/90-07/10/90	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	07/10/90-07/10/90	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/10/90-07/10/90	1	1420.	1420.	1420.	1420.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	07/10/90-07/10/90	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	07/10/90-07/10/90	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/10/90-07/10/90	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	07/10/90-07/10/90	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	07/10/90-07/10/90	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/10/90-07/10/90	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00608 NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	07/10/90-07/10/90	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00623 NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	07/10/90-07/10/90	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00631 NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/10/90-07/10/90	1	9.8	9.8	9.8	9.8	0.	0.	**	**	**	**
00666 PHOSPHORUS, DISSOLVED (MG/L AS P)	07/10/90-07/10/90	1	5.3	5.3	5.3	5.3	0.	0.	**	**	**	**
00671 PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/10/90-07/10/90	1	4.9	4.9	4.9	4.9	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS CA)	07/10/90-07/10/90	1	53.	53.	53.	53.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	07/10/90-07/10/90	1	39.	39.	39.	39.	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS NA)	07/10/90-07/10/90	1	140.	140.	140.	140.	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	07/10/90-07/10/90	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00940 CHLORIDE,TOTAL IN WATER MG/L	07/10/90-07/10/90	1	190.	190.	190.	190.	0.	0.	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	07/10/90-07/10/90	1	180.	180.	180.	180.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	07/10/90-07/10/90	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SI02)	07/10/90-07/10/90	1	24.	24.	24.	24.	0.	0.	**	**	**	**
01005 BARIUM, DISSOLVED (UG/L AS BA)	07/10/90-07/10/90	1	25.	25.	25.	25.	0.	0.	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	07/10/90-07/10/90	1	500.	500.	500.	500.	0.	0.	**	**	**	**
01046 IRON, DISSOLVED (UG/L AS FE)	07/10/90-07/10/90	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01056 MANGANESE, DISSOLVED (UG/L AS MN)	07/10/90-07/10/90	1	58.	58.	58.	58.	0.	0.	**	**	**	**
38260 METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/10/90-07/10/90	1	0.26	0.26	0.26	0.26	0.	0.	**	**	**	**
39036 ALKALINITY,FILTERED SAMPLE AS CaCO3 MG/L	07/10/90-07/10/90	1	196.	196.	196.	196.	0.	0.	**	**	**	**
39086 ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CaCO3,MG/L	07/10/90-07/10/90	1	196.	196.	196.	196.	0.	0.	**	**	**	**
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/10/90-07/10/90	1	764.	764.	764.	764.	0.	0.	**	**	**	**
71865 IODIDE (MG/L AS I)	07/10/90-07/10/90	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
71870 BROMIDE (MG/L AS BR)	07/10/90-07/10/90	1	0.28	0.28	0.28	0.28	0.	0.	**	**	**	**
82082 DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	07/10/90-07/10/90	1	-61.	-61.	-61.	-61.	0.	0.	**	**	**	**
82084 NITROGEN-15/NITROGEN-14 STABLE ISOTOPE RATIO/MIL	07/10/90-07/10/90	1	3.7	3.7	3.7	3.7	0.	0.	**	**	**	**
82085 OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	07/10/90-07/10/90	1	-8.25	-8.25	-8.25	-8.25	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0135

Parameter	Std. Type	Std. Value	Total	Exceed	Prop.	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
			Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400 PH	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
	Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00403 PH, LAB	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
	Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00631 NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940 CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
	Drinking Water	250.	1	0	0.00	1	0	0.00									
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
01005 BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0136

NPS Station ID: SAMO0136  
Location: CONEJO CREEK AT HWY 101  
Station Type: /TYPA/AMBNT/STREAM  
RMI-Indexes:

LAT/LON: 34.208892/-118.993338

Agency: 21CAL-1  
FIPS State/County: 06111 CALIFORNIA/VENTURA  
STORET Station ID(s): Z4420000 /4031209  
Within Park Boundary: No

Date Created: 08/27/76

RMI-Miles:  
HUC: 18070103  
Major Basin: LOS ANGELES AREA  
Minor Basin: CALLEGUAS-CONEJO CREEKS  
RF1 Index: 18070103003  
RF3 Index: 18070103000300.39

Depth of Water: 0  
Elevation: 0

RF1 Mile Point: 2.940  
RF3 Mile Point: 2.68

Aquifer:  
Water Body Id:  
ECO Region:  
Distance from RF1: 0.00  
Distance from RF3: 0.01

On/Off RF1: OFF  
On/Off RF3:

**Description:**

SURFACE WATER STATION; DATA MANAGER CODE: 3; AREAL CODE: ; BEGINNING OF RECORD: . ; ELEVATION: 110 ;  
STATION NAME: CONEJO CREEK AT HWY 101 ; DWR COUNTY CODE: 56; LATITUDE: 341232; LONGITUDE: 1185936;  
CALIFORNIA COORDINATES:

### Parameter Inventory for Station: SAMO0136

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	02/06/52-12/24/71	5	59.	60.8	69.	57.	22.2	4.712	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	03/07/52-12/24/71	9	40.	255.	1500.	2.	238067.	487.921	2.	4.	337.5	1500.
00065 STAGE, STREAM (FEET)	11/29/70-11/29/70	1	99.99	99.99	99.99	99.99	0.	0.	**	**	**	**
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/31/67-01/31/67	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/06/52-11/29/70	9	404.	527.889	1656.	191.	202859.861	450.4	191.	225.5	585.	1656.
00403 PH, LAB, STANDARD UNITS SU	02/06/52-11/29/70	9	7.7	7.678	8.1	6.9	0.154	0.393	6.9	7.4	8.05	8.1
00403 CONVERTED PH, LAB, STANDARD UNITS	02/06/52-11/29/70	9	7.7	7.496	8.1	6.9	0.192	0.438	6.9	7.4	8.05	8.1
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/06/52-11/29/70	9	0.02	0.032	0.126	0.008	0.001	0.037	0.008	0.009	0.04	0.126
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	02/06/52-11/29/70	10	102.	126.1	384.	72.	8617.878	92.833	72.	79.5	120.	358.2
00671 PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/29/70-11/29/70	1	0.85	0.85	0.85	0.85	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	02/06/52-11/29/70	9	158.	211.	740.	82.	41078.75	202.679	82.	106.5	197.	740.
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	02/06/52-11/29/70	9	36.4	45.978	155.	19.	1782.644	42.221	19.	22.3	45.	155.
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	02/06/52-11/29/70	9	16.2	23.211	86.	8.1	577.551	24.032	8.1	11.5	21.8	86.
00930 SODIUM, DISSOLVED (MG/L AS Na)	02/06/52-11/29/70	9	23.9	35.044	103.	2.3	933.015	30.545	2.3	14.1	49.5	103.
00935 POTASSIUM, DISSOLVED (MG/L AS K)	02/06/52-11/29/70	7	3.	3.129	6.	1.	2.336	1.528	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	02/06/52-11/29/70	10	29.	43.5	134.	9.	1658.056	40.719	9.2	13.25	59.	130.1
00946 SULFATE, DISSOLVED (MG/L AS SO4)	02/06/52-11/29/70	9	82.	96.822	366.	14.4	11218.434	105.917	14.4	33.5	100.	366.
00950 FLUORIDE, DISSOLVED (MG/L AS F)	02/06/52-11/29/70	5	0.4	0.42	0.6	0.3	0.012	0.11	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	02/09/62-02/09/62	1	23.	23.	23.	23.	0.	0.	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	02/06/52-11/29/70	9	100.	104.444	240.	0.	6402.778	80.017	0.	40.	165.	240.
70299 SOLIDS, SUSP. - RESIDUE ON EVAP. AT 180 C (MG/L)	11/29/70-11/29/70	1	3241.	3241.	3241.	3241.	0.	0.	**	**	**	**
70300 RESIDUE, TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/06/52-11/29/70	9	264.	373.556	1206.	164.	103851.528	322.26	164.	199.5	379.	1206.
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	02/06/52-11/29/70	8	10.25	10.763	15.5	6.2	14.026	3.745	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0136

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	50.	1	0	0.00				1	0	0.00						
00403	PH, LAB	Other-Hi Lim.	9.	9	0				6	0	0.00	3	0	0.00			
		Other-Hi Lim.	9.	9	0				6	0	0.00	3	0	0.00			
		Other-Lo Lim.	6.5	9	0				6	0	0.00	3	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	10	0				6	0	0.00	4	0	0.00			
		Drinking Water	250.	10	0				6	0	0.00	4	0	0.00			
		Drinking Water	250.	9	1				6	1	0.17	3	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)																
00950	FLUORIDE, DISSOLVED AS F																
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	4.	5	0				4	0	0.00	1	0	0.00			
		Drinking Water	44.	8	0				6	0	0.00	2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0137

NPS Station ID: SAMO0137  
 Location: COYOTE CN C A SPWY .15 MI NW/118  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070103  
 Major Basin: LOS ANGELES AREA  
 Minor Basin: CALLEGUAS-CONEJO CREEKS  
 RF1 Index: 18070103004  
 RF3 Index: 18070103000400.00  
 Description:  
 SURFACE WATER STATION; DATA MANAGER CODE: 3; AREAL CODE: ; BEGINNING OF RECORD: . ; ELEVATION: 340 ;  
 STATION NAME: COYOTE CN C A SPWY .15 MI NW/118 ; DWR COUNTY CODE: 56; LATITUDE: 341557; LONGITUDE: 1185943;  
 CALIFORNIA COORDINATES:

LAT/LON: 34.265837/-118.995281

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 5.680  
 RF3 Mile Point: 2.60

Agency: 21CAL-1  
 FIPS State/County: 06111 CALIFORNIA/VENTURA  
 STORET Station ID(s): Z4122510 /4036201  
 Within Park Boundary: No

Date Created: 08/27/76

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 0.00  
 Distance from RF3: 0.01

On/Off RF1: OFF  
 On/Off RF3:

## Parameter Inventory for Station: SAMO0137

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	02/09/62-02/09/62	1	58.	58.	58.	58.	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	02/09/62-02/09/62	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/09/62-02/09/62	1	890.	890.	890.	890.	0.	0.	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	02/09/62-02/09/62	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	02/09/62-02/09/62	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/09/62-02/09/62	1	0.158	0.158	0.158	0.158	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	02/09/62-02/09/62	1	73.	73.	73.	73.	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	02/09/62-02/09/62	1	351.	351.	351.	351.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	02/09/62-02/09/62	1	99.	99.	99.	99.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	02/09/62-02/09/62	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	02/09/62-02/09/62	1	42.	42.	42.	42.	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	02/09/62-02/09/62	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	02/09/62-02/09/62	1	42.	42.	42.	42.	0.	0.	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	02/09/62-02/09/62	1	320.	320.	320.	320.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	02/09/62-02/09/62	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	02/09/62-02/09/62	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	02/09/62-02/09/62	1	160.	160.	160.	160.	0.	0.	**	**	**	**
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/09/62-02/09/62	1	680.	680.	680.	680.	0.	0.	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	02/09/62-02/09/62	1	14.	14.	14.	14.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

## EPA Water Quality Criteria Analysis for Station: SAMO0137

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
00403 PH, LAB	Other-Hi Lim.	9.	1	0	0.00	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
	Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



### EPA Water Quality Criteria Analysis for Station: SAMO0137

Parameter	Std. Type	Std. Value	Total			-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
			Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00941 CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
	Drinking Water	250.	1	0	0.00				1	0	0.00						
00946 SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	1	1.00				1	1	1.00						
	Drinking Water	4.	1	0	0.00				1	0	0.00						
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00				1	0	0.00						
71851 NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0138

NPS Station ID: SAMO0138  
 Location: L SYCAMORE CR AT HWY 1  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC:  
 Major Basin:  
 Minor Basin:  
 RF1 Index:  
 RF3 Index: 18070103018201.37  
 Description:

LAT/LON: 34.053892/-118.995281

Depth of Water: 0  
 Elevation: 0  
 RF1 Mile Point: 0.000  
 RF3 Mile Point: 4.06

Agency: 112WRD  
 FIPS State/County: 06111 CALIFORNIA/VENTURA  
 STORET Station ID(s): 340314118594301  
 Within Park Boundary: No

Date Created: 06/05/82

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 3.70  
 Distance from RF3: 0.10

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: SAMO0138

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/23/82-02/13/86	5	14.5	16.3	20.5	13.	11.825	3.439	**	**	**	**
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/13/86-02/13/86	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00025 BAROMETRIC PRESSURE (MM OF HG)	03/17/82-02/13/86	3	755.	758.	766.	753.	49.	7.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	02/23/82-02/13/86	2	2.505	2.505	5.	0.01	12.45	3.528	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/23/82-02/13/86	5	1020.	1037.4	1737.	425.	240456.3	490.363	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	03/17/82-02/13/86	4	10.05	9.775	10.2	8.8	0.429	0.655	**	**	**	**
00301 OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/17/82-03/01/83	2	93.	93.	99.	87.	72.	8.485	**	**	**	**
00400 PH (STANDARD UNITS)	03/17/82-02/13/86	4	8.2	8.05	8.3	7.5	0.137	0.37	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	03/17/82-02/13/86	4	8.2	7.91	8.3	7.5	0.163	0.404	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/17/82-02/13/86	4	0.006	0.012	0.032	0.005	0.	0.013	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	03/17/82-07/12/83	3	8.2	8.233	8.3	8.2	0.003	0.058	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	03/17/82-07/12/83	3	8.2	8.231	8.3	8.2	0.003	0.058	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/17/82-07/12/83	3	0.006	0.006	0.006	0.005	0.	0.001	**	**	**	**
00405 CARBON DIOXIDE (MG/L AS CO2)	03/17/82-03/01/83	2	2.45	2.45	3.6	1.3	2.645	1.626	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	03/01/83-02/13/86	3	230.	213.333	270.	140.	4433.333	66.583	**	**	**	**
00631 NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	03/17/82-02/13/86	4	1.15	1.113	2.1	0.05	0.717	0.847	**	**	**	**
00660 PHOSPHATE, ORTHO (MG/L AS PO4)	03/17/82-03/01/83	2	0.37	0.37	0.49	0.25	0.029	0.17	**	**	**	**
00671 PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/17/82-02/13/86	4	0.135	0.128	0.16	0.08	0.002	0.039	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	03/17/82-02/13/86	3	330.	343.333	520.	180.	29033.333	170.392	**	**	**	**
00902 HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	03/17/82-02/13/86	3	96.	122.	230.	40.	9532.	97.632	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	03/17/82-02/13/86	4	84.	78.5	107.	39.	981.667	31.332	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS Mg)	03/17/82-02/13/86	4	48.	44.25	61.	20.	365.583	19.12	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	03/17/82-02/13/86	4	56.5	49.75	65.	21.	411.583	20.288	**	**	**	**
00931 SODIUM ADSORPTION RATIO	03/17/82-02/13/86	3	1.	1.	1.3	0.7	0.09	0.3	**	**	**	**
00932 SODIUM, PERCENT	03/17/82-02/13/86	3	21.	22.	25.	20.	7.	2.646	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	03/17/82-02/13/86	4	2.6	2.55	3.7	1.3	1.39	1.179	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	03/17/82-02/13/86	4	55.5	49.	70.	15.	700.667	26.47	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	03/17/82-02/13/86	4	205.	186.	280.	54.	10344.	101.705	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	03/17/82-02/13/86	4	0.35	0.325	0.4	0.2	0.009	0.096	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	03/17/82-02/13/86	4	30.	30.5	34.	28.	6.333	2.517	**	**	**	**
01000 ARSENIC, DISSOLVED (UG/L AS AS)	02/13/86-02/13/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01002 ARSENIC, TOTAL (UG/L AS AS)	02/13/86-03/10/86	2	1.	1.	1.	1.	0.	0.	**	**	**	**
01010 BERYLLIUM, DISSOLVED (UG/L AS BE)	02/13/86-02/13/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	03/17/82-02/13/86	4	90.	80.	90.	50.	400.	20.	**	**	**	**
01025 CADMIUM, DISSOLVED (UG/L AS Cd)	02/13/86-02/13/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01027 CADMIUM, TOTAL (UG/L AS Cd)	03/10/86-03/10/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01030 CHROMIUM, DISSOLVED (UG/L AS CR)	02/13/86-02/13/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01034 CHROMIUM, TOTAL (UG/L AS CR)	03/10/86-03/10/86	1	10.	10.	10.	10.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: SAMO0138

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01040	COPPER, DISSOLVED (UG/L AS CU)	02/13/86-02/13/86	1	3.	3.	3.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	03/10/86-03/10/86	1	10.	10.	10.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	03/17/82-02/13/86	4	24.5	31.625	76.	1.5	992.896	31.51	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	02/13/86-02/13/86	1 ##	0.5	0.5	0.5	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	03/10/86-03/10/86	1 ##	50.	50.	50.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	02/13/86-02/13/86	1	26.	26.	26.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	02/13/86-02/13/86	1	2.	2.	2.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	02/13/86-02/13/86	1	6.	6.	6.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	03/10/86-03/10/86	1	40.	40.	40.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	02/13/86-02/13/86	1 ##	0.5	0.5	0.5	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	02/13/86-03/10/86	2 ##	0.75	0.75	1.	0.5	0.125	0.354	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	03/17/82-03/17/82	2	5300.	5300.	5300.	5300.	0.	0.	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	03/17/82-03/17/82	2	3.724	3.724	3.724	3.724	0.	0.	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			5300.							
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/17/82-03/17/82	1	107000.	107000.	107000.	107000.	0.	0.	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/17/82-03/17/82	1	5.029	5.029	5.029	5.029	0.	0.	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			107000.							
39024	PROPAGINE,COULSON CONDUCTIVITY,WATER SAMPL(UG/L)	03/17/82-03/17/82	1	0.	0.	0.	0.	0.	0.	**	**	**
39054	SIMETRYNE IN WHOLE WATER (UG/L)	03/17/82-03/17/82	1	0.	0.	0.	0.	0.	0.	**	**	**
39055	SIMAZINE IN WHOLE WATER (UG/L)	03/17/82-03/17/82	1	0.	0.	0.	0.	0.	0.	**	**	**
39056	PROMETONE IN WHOLE WATER (UG/L)	03/17/82-03/17/82	1	0.	0.	0.	0.	0.	0.	**	**	**
39057	PROMETRYNE IN WHOLE WATER (UG/L)	03/17/82-03/17/82	1	0.	0.	0.	0.	0.	0.	**	**	**
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	03/17/82-03/17/82	1	0.	0.	0.	0.	0.	0.	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/17/82-02/13/86	4	650.5	605.25	834.	286.	59118.25	243.142	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	03/17/82-02/13/86	3	532.	530.667	790.	270.	67601.333	260.003	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/17/82-03/01/83	2	0.745	0.745	1.1	0.39	0.252	0.502	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	02/13/86-02/13/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
81757	CYANAZINE IN THE WHOLE WATER SAMPLE UG/L	03/17/82-03/17/82	1	0.	0.	0.	0.	0.	0.	**	**	**
82184	AMETRYNE (GESAPAX OR EVIK) TOTAL UG/L	03/17/82-03/17/82	1	0.	0.	0.	0.	0.	0.	**	**	**
82185	ATRAZON (GESTAMIN) TOTAL UG/L	03/17/82-03/17/82	1	0.	0.	0.	0.	0.	0.	**	**	**
82187	CYPRAZINE TOTAL UG/L	03/17/82-03/17/82	1	0.	0.	0.	0.	0.	0.	**	**	**
82188	SIMETONE TOTAL UG/L	03/17/82-03/17/82	1	0.	0.	0.	0.	0.	0.	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0138

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
00400	PH	Other-Hi Lim.	9.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
		Other-Lo Lim.	6.5	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
00403	PH, LAB	Other-Hi Lim.	9.	3	0	0.00	1	0	0.00			2	0	0.00			
		Other-Lo Lim.	6.5	3	0	0.00	1	0	0.00			2	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
		Drinking Water	250.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	4	2	0.50	1	1	1.00	1	0	0.00	2	1	0.50		
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00			1	0	0.00						
		Drinking Water	50.	1	0	0.00			1	0	0.00						
01002	ARSENIC, TOTAL	Fresh Acute	360.	2	0	0.00			1	0	0.00	1	0	0.00			
		Drinking Water	50.	2	0	0.00			1	0	0.00	1	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00			1	0	0.00						
		Drinking Water	4.	1	0	0.00			1	0	0.00						
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00			1	0	0.00						
		Drinking Water	5.	1	0	0.00			1	0	0.00						
01027	CADMIUM, TOTAL	Fresh Acute	3.9	0 &	0	0.00											
		Drinking Water	5.	0 &	0	0.00											
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00			1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### EPA Water Quality Criteria Analysis for Station: SAMO0138

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
01034 CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00							1	0	0.00			
01040 COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00				1	0	0.00						
	Drinking Water	1300.	1	0	0.00				1	0	0.00						
01042 COPPER, TOTAL	Fresh Acute	18.	1	0	0.00							1	0	0.00			
	Drinking Water	1300.	1	0	0.00							1	0	0.00			
01049 LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00				1	0	0.00						
	Drinking Water	15.	1	0	0.00				1	0	0.00						
01051 LEAD, TOTAL	Fresh Acute	82.	1	0	0.00							1	0	0.00			
	Drinking Water	15.	0 &	0	0.00												
01065 NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00				1	0	0.00						
	Drinking Water	100.	1	0	0.00				1	0	0.00						
01090 ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00				1	0	0.00						
	Drinking Water	5000.	1	0	0.00				1	0	0.00						
01092 ZINC, TOTAL	Fresh Acute	120.	1	0	0.00							1	0	0.00			
	Drinking Water	5000.	1	0	0.00							1	0	0.00			
01145 SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00				1	0	0.00						
	Drinking Water	50.	1	0	0.00				1	0	0.00						
01147 SELENIUM, TOTAL	Fresh Acute	20.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	50.	2	0	0.00				1	0	0.00	1	0	0.00			
31625 FECAL COLIFORM, MF	Other-Hi Lim.	200.	2	2	1.00							2	2	1.00			
39055 SIMAZINE IN WHOLE WATER	Drinking Water	4.	1	0	0.00							1	0	0.00			
39630 ATRAZINE(AATREX) IN WHOLE WATER SAMPLE	Drinking Water	3.	1	0	0.00							1	0	0.00			
71900 MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00				1	0	0.00						
	Drinking Water	2.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0139

NPS Station ID: SAMO0139  
 Location: CONEJO CR. @ 800 FT V/S OF BRIDGE, 50 FT V/S STP  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070103  
 Major Basin: CALIFORNIA  
 Minor Basin: SANTA CLARA RIVER  
 RF1 Index: 18070103  
 RF3 Index: 18070103013000.00  
 Description:

LAT/LON: 34.193892/-119.000560

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 0.00

Agency: 21CAL-4  
 FIPS State/County: 06111 CALIFORNIA/VENTURA  
 STORET Station ID(s): WB0441138190002  
 Within Park Boundary: No

Date Created: 08/29/87

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 0.30  
 Distance from RF3: 0.06

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: SAMO0139

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	01/29/87-01/29/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	01/29/87-01/29/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
32104	BROMOFORM,WHOLE WATER,UG/L	01/29/87-01/29/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	01/29/87-01/29/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
32106	CHLOROFORM,WHOLE WATER,UG/L	01/29/87-01/29/87	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	01/29/87-01/29/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	01/29/87-01/29/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34301	CHLOROBENZENE TOTWUG/L	01/29/87-01/29/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34311	CHLOROETHANE TOTWUG/L	01/29/87-01/29/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	01/29/87-01/29/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34413	METHYL BROMIDE TOTWUG/L	01/29/87-01/29/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34418	METHYL CHLORIDE TOTWUG/L	01/29/87-01/29/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	01/29/87-01/29/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	01/29/87-01/29/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	01/29/87-01/29/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34496	1,1-DICHLOROETHANE TOTWUG/L	01/29/87-01/29/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34501	1,1-DICHLOROETHYLENE TOTWUG/L	01/29/87-01/29/87	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	01/29/87-01/29/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	01/29/87-01/29/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	01/29/87-01/29/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34531	1,2-DICHLOROETHANE TOTWUG/L	01/29/87-01/29/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34536	1,2-DICHLOROBENZENE TOTWUG/L	01/29/87-01/29/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34541	1,2-DICHLOROPROPANE TOTWUG/L	01/29/87-01/29/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	01/29/87-01/29/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34566	1,3-DICHLOROBENZENE TOTWUG/L	01/29/87-01/29/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34571	1,4-DICHLOROBENZENE TOTWUG/L	01/29/87-01/29/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	01/29/87-01/29/87	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34668	DICHLORODIFLUOROMETHANE TOTWUG/L	01/29/87-01/29/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	01/29/87-01/29/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	01/29/87-01/29/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	01/29/87-01/29/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	01/29/87-01/29/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	01/29/87-01/29/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
77128	STYRENE WHOLE WATER,UG/L	01/29/87-01/29/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	01/29/87-01/29/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	01/29/87-01/29/87	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
81596	METHYL-ISOBUTYL KETONE WHL WATER SMPL UG/L	01/29/87-01/29/87	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
81710	M-XYLENE IN THE WHOLE WATER SAMPLE MG/L	01/29/87-01/29/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: SAMO0139

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
81711 O-XYLENE IN THE WHOLE WATER SAMPLE MG/L	01/29/87-01/29/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0139

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
32101 BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00				1	0	0.00						
32102 CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	1	0	0.00				1	0	0.00						
	Drinking Water	5.	1	0	0.00				1	0	0.00						
32104 BROMOFORM, WHOLE WATER	Drinking Water	100.	1	0	0.00				1	0	0.00						
32105 DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00				1	0	0.00						
32106 CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	1	0	0.00				1	0	0.00						
	Drinking Water	100.	1	0	0.00				1	0	0.00						
34010 TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	1	0	0.00				1	0	0.00						
	Drinking Water	1000.	1	0	0.00				1	0	0.00						
34301 CHLOROBENZENE, TOTAL	Drinking Water	100.	1	0	0.00				1	0	0.00						
34371 ETHYLBENZENE, TOTAL	Fresh Acute	32000.	1	0	0.00				1	0	0.00						
	Drinking Water	700.	1	0	0.00				1	0	0.00						
34423 METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	1	0	0.00				1	0	0.00						
34475 TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	1	0	0.00				1	0	0.00						
	Drinking Water	5.	1	0	0.00				1	0	0.00						
34501 1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	1	0	0.00				1	0	0.00						
34506 1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	1	0	0.00				1	0	0.00						
34511 1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	1	0	0.00				1	0	0.00						
34531 1,2-DICHLOROETHANE, TOTAL	Fresh Acute	118000.	1	0	0.00				1	0	0.00						
	Drinking Water	5.	1	0	0.00				1	0	0.00						
34536 1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00				1	0	0.00						
34541 1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	1	0	0.00				1	0	0.00						
34546 TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	1	0	0.00				1	0	0.00						
34566 1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00				1	0	0.00						
34571 1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	1	0	0.00				1	0	0.00						
39175 VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	1	0	0.00				1	0	0.00						
39180 TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	1	0	0.00				1	0	0.00						
	Drinking Water	5.	1	0	0.00				1	0	0.00						
77093 CIS-1,2-DICHLOROETHYLENE, WHOLE WATER	Drinking Water	70.	1	0	0.00				1	0	0.00						
77128 STYRENE, WHOLE WATER	Drinking Water	100.	1	0	0.00				1	0	0.00						
77651 1,2-DIBROMOETHANE, WHOLE WATER	Drinking Water	0.05	0 &	0	0.00												

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0140

NPS Station ID: SAMO0140  
 Location: CONEJO C A PT/HILL .5MI E RANCHO  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070103  
 Major Basin: LOS ANGELES AREA  
 Minor Basin: CALLEGUAS-CONEJO CREEKS  
 RF1 Index: 18070103003  
 RF3 Index: 18070103000616.17  
 Description:  
 SURFACE WATER STATION; DATA MANAGER CODE: 3; AREAL CODE: ; BEGINNING OF RECORD: . ; ELEVATION: 100 ;  
 STATION NAME: CONEJO C A PT/HILL .5MI E RANCHO ;  
 CALIFORNIA COORDINATES:

LAT/LON: 34.193059/-119.002504

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 1.570  
 RF3 Mile Point: 16.61

Agency: 21CAL-1  
 FIPS State/County: 06111 CALIFORNIA/VENTURA  
 STORET Station ID(s): Z4415010 /4031208  
 Within Park Boundary: No

Date Created: 08/27/76

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 26.80  
 Distance from RF3: 0.23

On/Off RF1: OFF  
 On/Off RF3:

### Parameter Inventory for Station: SAMO0140

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/22/58-04/22/58	1	78.	78.	78.	78.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/22/58-04/22/58	1	750.	750.	750.	750.	0.	0.	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	04/22/58-04/22/58	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	04/22/58-04/22/58	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/22/58-04/22/58	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CAC03)	04/22/58-04/22/58	1	235.	235.	235.	235.	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CAC03)	04/22/58-04/22/58	1	273.	273.	273.	273.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS CA)	04/22/58-04/22/58	1	45.	45.	45.	45.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	04/22/58-04/22/58	1	40.	40.	40.	40.	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS NA)	04/22/58-04/22/58	1	58.	58.	58.	58.	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	04/22/58-04/22/58	1	4.3	4.3	4.3	4.3	0.	0.	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	04/22/58-04/22/58	1	60.	60.	60.	60.	0.	0.	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	04/22/58-04/22/58	1	72.	72.	72.	72.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	04/22/58-04/22/58	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SI02)	04/22/58-04/22/58	1	19.	19.	19.	19.	0.	0.	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	04/22/58-04/22/58	1	220.	220.	220.	220.	0.	0.	**	**	**	**
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/22/58-04/22/58	1	453.	453.	453.	453.	0.	0.	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/22/58-04/22/58	1	3.8	3.8	3.8	3.8	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0140

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403 PH, LAB	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
	Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00941 CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
	Drinking Water	250.	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: SAMO0140

Parameter	Std. Type	Std. Value	Total	Exceed	Prop.	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
			Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00946	SULFATE, DISSOLVED (AS SO4)	250.	1	0	0.00							1	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	4.	1	0	0.00							1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	44.	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



## Station Inventory for Station: SAMO0141

NPS Station ID: SAMO0141  
 Location: BIG SYCAMORE CREEK  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC:  
 Major Basin:  
 Minor Basin:  
 RF1 Index:  
 RF3 Index: 18070104024300.00  
 Description:

LAT/LON: 34.065560/-119.013615

Depth of Water: 0  
 Elevation: 0  
 RF1 Mile Point: 0.000  
 RF3 Mile Point: 1.51

Agency: 112WRD  
 FIPS State/County: 06111 CALIFORNIA/VENTURA  
 STORET Station ID(s): 340356119004901  
 Within Park Boundary: No

Date Created: 01/21/84

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 22.60  
 Distance from RF3: 0.03

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: SAMO0141

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/01/83-03/10/86	3	15.	16.833	21.	14.5	13.083	3.617	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	03/01/83-03/10/86	2	757.5	757.5	760.	755.	12.5	3.536	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/12/83-03/10/86	2 ##	6.025	6.025	12.	0.05	71.401	8.45	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/01/83-03/10/86	3	552.	682.333	1110.	385.	144146.333	379.666	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/01/83-03/10/86	3	9.8	7.667	10.	3.2	14.973	3.87	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/01/83-03/01/83	1	99.	99.	99.	99.	0.	0.	**	**	**
00400	PH (STANDARD UNITS)	03/01/83-03/10/86	3	8.	7.8	8.2	7.2	0.28	0.529	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/01/83-03/10/86	3	8.	7.577	8.2	7.2	0.354	0.595	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/01/83-03/10/86	3	0.01	0.026	0.063	0.006	0.001	0.032	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/01/83-03/10/86	3	8.1	8.067	8.4	7.7	0.123	0.351	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/01/83-03/10/86	3	8.1	7.974	8.4	7.7	0.136	0.369	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/01/83-03/10/86	3	0.008	0.011	0.02	0.004	0.	0.008	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	03/01/83-03/01/83	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/01/83-03/10/86	3	169.	183.	250.	130.	3747.	61.213	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	03/01/83-03/10/86	3	0.8	0.6	0.9	0.1	0.19	0.436	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/01/83-03/01/83	1	0.18	0.18	0.18	0.18	0.	0.	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/01/83-03/10/86	3	0.06	0.06	0.09	0.03	0.001	0.03	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	03/01/83-03/10/86	2	195.	195.	230.	160.	2450.	49.497	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	03/01/83-03/10/86	2	45.	45.	60.	30.	450.	21.213	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	03/01/83-03/10/86	3	47.	59.333	95.	36.	984.333	31.374	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/01/83-03/10/86	3	27.	30.333	47.	17.	233.333	15.275	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	03/01/83-03/10/86	3	35.	40.667	64.	23.	444.333	21.079	**	**	**
00931	SODIUM ADSORPTION RATIO	03/01/83-03/10/86	2	0.95	0.95	1.1	0.8	0.045	0.212	**	**	**
00932	SODIUM, PERCENT	03/01/83-03/10/86	2	24.5	24.5	25.	24.	0.5	0.707	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/01/83-03/10/86	3	1.6	1.467	1.9	0.9	0.263	0.513	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	03/01/83-03/10/86	3	36.	44.	76.	20.	832.	28.844	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	03/01/83-03/10/86	3	83.	101.333	170.	51.	3792.333	61.582	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/01/83-03/10/86	3	0.3	0.3	0.4	0.2	0.01	0.1	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	03/01/83-03/10/86	3	30.	30.	30.	30.	0.	0.	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	03/01/83-03/10/86	3	2.	3.333	7.	1.	10.333	3.215	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	03/01/83-03/01/83	1	3.	3.	3.	3.	0.	0.	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	03/01/83-03/10/86	3	70.	93.333	140.	70.	1633.333	40.415	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	03/01/83-03/10/86	3 ##	5.	6.667	10.	5.	8.333	2.887	**	**	**
01028	CADMIUM, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	03/01/83-03/01/83	1	1.	1.	1.	1.	0.	0.	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/01/83-03/10/86	3	40.	148.333	400.	5.	47808.333	218.651	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	03/01/83-03/10/86	3	30.	86.667	210.	20.	11433.333	106.927	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	03/01/83-03/01/83	1	12.	12.	12.	12.	0.	0.	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	03/01/83-03/10/86	3	49.	90.667	220.	3.	13074.333	114.343	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: SAMO0141

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01051 LEAD, TOTAL (UG/L AS PB)	03/01/83-03/10/86	3 ##	50.	66.667	100.	50.	833.333	28.868	**	**	**	**
01052 LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	03/01/83-03/01/83	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01065 NICKEL, DISSOLVED (UG/L AS NI)	03/01/83-03/01/83	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01068 NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/01/83-03/01/83	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01092 ZINC, TOTAL (UG/L AS ZN)	03/01/83-03/10/86	3	50.	170.	430.	30.	50800.	225.389	**	**	**	**
01093 ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	03/01/83-03/01/83	1	22.	22.	22.	22.	0.	0.	**	**	**	**
01147 SELENIUM, TOTAL (UG/L AS SE)	03/01/83-03/10/86	3	2.	1.667	2.	1.	0.333	0.577	**	**	**	**
01148 SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	03/01/83-03/01/83	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39024 PROPAGINE,COULSON CONDUCTIVITY,WATER SAMPL(UG/L)	03/01/83-03/01/83	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39054 SIMETRYNE IN WHOLE WATER (UG/L)	03/01/83-03/01/83	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39055 SIMAZINE IN WHOLE WATER (UG/L)	03/01/83-03/01/83	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39056 PROMETONE IN WHOLE WATER (UG/L)	03/01/83-03/01/83	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39057 PROMETRYNE IN WHOLE WATER (UG/L)	03/01/83-03/01/83	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39398 ETHION IN WHOLE WATER SAMPLE (UG/L)	03/01/83-03/01/83	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39530 MALATHION IN WHOLE WATER SAMPLE (UG/L)	03/01/83-03/01/83	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39540 PARATHION IN WHOLE WATER SAMPLE (UG/L)	03/01/83-03/01/83	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39570 DIAZINON IN WHOLE WATER SAMPLE (UG/L)	03/01/83-03/01/83	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39600 METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	03/01/83-03/01/83	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39630 ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	03/01/83-03/01/83	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39786 TRITHION IN WHOLE WATER SAMPLE (UG/L)	03/01/83-03/01/83	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39790 METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	03/01/83-03/01/83	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/01/83-03/10/86	3	376.	443.333	690.	264.	48769.333	220.838	**	**	**	**
70301 SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	03/01/83-03/10/86	2	313.5	313.5	367.	260.	5724.5	75.66	**	**	**	**
70303 SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/01/83-03/01/83	1	0.36	0.36	0.36	0.36	0.	0.	**	**	**	**
71900 MERCURY, TOTAL (UG/L AS HG)	03/01/83-03/10/86	3	0.1	0.25	0.6	0.05	0.093	0.304	**	**	**	**
71921 MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	03/01/83-03/01/83	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
81757 CYANAZINE IN THE WHOLE WATER SAMPLE UG/L	03/01/83-03/01/83	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
82184 AMETRYNE (GESAPAX OR EVIK) TOTAL UG/L	03/01/83-03/01/83	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
82185 ATRATON (GESTAMIN) TOTAL UG/L	03/01/83-03/01/83	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
82187 CYPRAZINE TOTAL UG/L	03/01/83-03/01/83	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
82188 SIMETONE TOTAL UG/L	03/01/83-03/01/83	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0141

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	1	0.33	1	1	1.00				2	0	0.00			
00400 PH	Other-Hi Lim.	9.	3	0	0.00	1	0	0.00				2	0	0.00			
	Other-Lo Lim.	6.5	3	0	0.00	1	0	0.00				2	0	0.00			
00403 PH, LAB	Other-Hi Lim.	9.	3	0	0.00	1	0	0.00				2	0	0.00			
	Other-Lo Lim.	6.5	3	0	0.00	1	0	0.00				2	0	0.00			
00631 NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	3	0	0.00	1	0	0.00				2	0	0.00			
00940 CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	0	0.00	1	0	0.00				2	0	0.00			
	Drinking Water	250.	3	0	0.00	1	0	0.00				2	0	0.00			
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	3	0	0.00	1	0	0.00				2	0	0.00			
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	3	0	0.00	1	0	0.00				2	0	0.00			
01002 ARSENIC, TOTAL	Fresh Acute	360.	3	0	0.00	1	0	0.00				2	0	0.00			
	Drinking Water	50.	3	0	0.00	1	0	0.00				2	0	0.00			
01027 CADMIUM, TOTAL	Fresh Acute	3.9	1 &	1	1.00							1	1	1.00			
	Drinking Water	5.	1 &	1	1.00							1	1	1.00			
01034 CHROMIUM, TOTAL	Drinking Water	100.	3	1	0.33	1	0	0.00				2	1	0.50			
01042 COPPER, TOTAL	Fresh Acute	18.	3	3	1.00	1	1	1.00				2	2	1.00			
	Drinking Water	1300.	3	0	0.00	1	0	0.00				2	0	0.00			
01051 LEAD, TOTAL	Fresh Acute	82.	3	1	0.33	1	0	0.00				2	1	0.50			
	Drinking Water	15.	1 &	1	1.00							1	1	1.00			
01065 NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
	Drinking Water	100.	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### EPA Water Quality Criteria Analysis for Station: SAMO0141

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
01092 ZINC, TOTAL	Fresh Acute	120.	3	1	0.33	1	0	0.00				2	1	0.50			
	Drinking Water	5000.	3	0	0.00	1	0	0.00				2	0	0.00			
01147 SELENIUM, TOTAL	Fresh Acute	20.	3	0	0.00	1	0	0.00				2	0	0.00			
	Drinking Water	50.	3	0	0.00	1	0	0.00				2	0	0.00			
39055 SIMAZINE IN WHOLE WATER	Drinking Water	4.	1	0	0.00							1	0	0.00			
39540 PARATHION IN WHOLE WATER SAMPLE	Fresh Acute	0.065	1	0	0.00							1	0	0.00			
39630 ATRAZINE(AATREX) IN WHOLE WATER SAMPLE	Drinking Water	3.	1	0	0.00							1	0	0.00			
71900 MERCURY, TOTAL	Fresh Acute	2.4	3	0	0.00	1	0	0.00				2	0	0.00			
	Drinking Water	2.	3	0	0.00	1	0	0.00				2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0142

NPS Station ID: SAMO0142  
 Location: BIG SYCAMORE CYN C NR POINT MUGU CA  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070104  
 Major Basin:  
 Minor Basin:  
 RF1 Index: 18070104  
 RF3 Index: 18070104023400.00  
 Description:

LAT/LON: 34.075003/-119.014448

Depth of Water: 0  
 Elevation: 0  
 RF1 Mile Point: 0.000  
 RF3 Mile Point: 0.00

Agency: 112WRD  
 FIPS State/County: 06111 CALIFORNIA/VENTURA  
 STORET Station ID(s): 11105780  
 Within Park Boundary: Yes

Date Created: 12/30/89

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 1.20  
 Distance from RF3: 0.05

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: SAMO0142

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/10/86-03/10/86	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00025 BAROMETRIC PRESSURE (MM OF HG)	03/10/86-03/10/86	1	760.	760.	760.	760.	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	03/10/86-03/10/86	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/10/86-03/10/86	1	552.	552.	552.	552.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	03/10/86-03/10/86	1	9.8	9.8	9.8	9.8	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	03/10/86-03/10/86	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	03/10/86-03/10/86	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/10/86-03/10/86	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	03/10/86-03/10/86	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	03/10/86-03/10/86	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/10/86-03/10/86	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	03/10/86-03/10/86	1	169.	169.	169.	169.	0.	0.	**	**	**	**
00631 NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	03/10/86-03/10/86	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00671 PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/10/86-03/10/86	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	03/10/86-03/10/86	1	47.	47.	47.	47.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	03/10/86-03/10/86	1	27.	27.	27.	27.	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	03/10/86-03/10/86	1	35.	35.	35.	35.	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	03/10/86-03/10/86	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	03/10/86-03/10/86	1	36.	36.	36.	36.	0.	0.	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	03/10/86-03/10/86	1	83.	83.	83.	83.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	03/10/86-03/10/86	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	03/10/86-03/10/86	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01002 ARSENIC, TOTAL (UG/L AS AS)	03/10/86-03/10/86	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	03/10/86-03/10/86	1	70.	70.	70.	70.	0.	0.	**	**	**	**
01027 CADMIUM, TOTAL (UG/L AS CD)	03/10/86-03/10/86	1##	5.	5.	5.	5.	0.	0.	**	**	**	**
01034 CHROMIUM, TOTAL (UG/L AS CR)	03/10/86-03/10/86	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01042 COPPER, TOTAL (UG/L AS CU)	03/10/86-03/10/86	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01046 IRON, DISSOLVED (UG/L AS FE)	03/10/86-03/10/86	1	220.	220.	220.	220.	0.	0.	**	**	**	**
01051 LEAD, TOTAL (UG/L AS PB)	03/10/86-03/10/86	1##	50.	50.	50.	50.	0.	0.	**	**	**	**
01092 ZINC, TOTAL (UG/L AS ZN)	03/10/86-03/10/86	1	50.	50.	50.	50.	0.	0.	**	**	**	**
01147 SELENIUM, TOTAL (UG/L AS SE)	03/10/86-03/10/86	1	1.	1.	1.	1.	0.	0.	**	**	**	**
31625 FECAL COLIFORM, MF,M-FC, 0.7 UM	03/10/86-03/10/86	1	10000.	10000.	10000.	10000.	0.	0.	**	**	**	**
31625 LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	03/10/86-03/10/86	1	4.	4.	4.	4.	0.	0.	**	**	**	**
31625 GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			10000.								
31673 FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/10/86-03/10/86	1	23000.	23000.	23000.	23000.	0.	0.	**	**	**	**
31673 LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/10/86-03/10/86	1	4.362	4.362	4.362	4.362	0.	0.	**	**	**	**
31673 GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			23000.								
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/10/86-03/10/86	1	376.	376.	376.	376.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: SAMO0142

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71900 MERCURY, TOTAL (UG/L AS HG)	03/10/86-03/10/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0142

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00400 PH	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
	Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00403 PH, LAB	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
	Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00631 NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00							1	0	0.00			
00940 CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
	Drinking Water	250.	1	0	0.00							1	0	0.00			
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00							1	0	0.00			
01002 ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00							1	0	0.00			
	Drinking Water	50.	1	0	0.00							1	0	0.00			
01027 CADMIUM, TOTAL	Fresh Acute	3.9	0 &	0	0.00												
	Drinking Water	5.	0 &	0	0.00												
01034 CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00							1	0	0.00			
01042 COPPER, TOTAL	Fresh Acute	18.	1	1	1.00							1	1	1.00			
	Drinking Water	1300.	1	0	0.00							1	0	0.00			
01051 LEAD, TOTAL	Fresh Acute	82.	1	0	0.00							1	0	0.00			
	Drinking Water	15.	0 &	0	0.00												
01092 ZINC, TOTAL	Fresh Acute	120.	1	0	0.00							1	0	0.00			
	Drinking Water	5000.	1	0	0.00							1	0	0.00			
01147 SELENIUM, TOTAL	Fresh Acute	20.	1	0	0.00							1	0	0.00			
	Drinking Water	50.	1	0	0.00							1	0	0.00			
31625 FECAL COLIFORM, MF	Other-Hi Lim.	200.	1	1	1.00							1	1	1.00			
71900 MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00							1	0	0.00			
	Drinking Water	2.	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0143

NPS Station ID: SAMO0143  
 Location: CALLEGAS CREEK ON HWY 101  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070103  
 Major Basin: LOS ANGELES AREA  
 Minor Basin: CALLEGUAS-CONEJO CREEKS  
 RF1 Index: 18070103004  
 RF3 Index: 18070103000400.00

LAT/LON: 34.216115/-119.014448

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 1.980  
 RF3 Mile Point: 2.84

Agency: 21CAL-1  
 FIPS State/County: 06111 CALIFORNIA/VENTURA  
 STORET Station ID(s): Z4111000 /4031207  
 Within Park Boundary: No

Date Created: 08/27/76

Aquifer:  
 Water Body ID:  
 ECO Region:  
 Distance from RF1: 0.00  
 Distance from RF3: 0.15

On/Off RF1: OFF  
 On/Off RF3:

### Description:

SURFACE WATER STATION; DATA MANAGER CODE: 3; AREAL CODE: ; BEGINNING OF RECORD: . ; ELEVATION: 148 ;  
 STATION NAME: CALLEGAS CREEK ON HWY 101 ; DWR COUNTY CODE: 56; LATITUDE: 341258; LONGITUDE: 1190052;  
 CALIFORNIA COORDINATES:

## Parameter Inventory for Station: SAMO0143

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/27/56-01/27/56	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	02/04/58-11/29/70	2	55.	55.	55.	55.	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	03/07/52-11/29/70	2	52.25	52.25	104.	0.5	5356.125	73.186	**	**	**	**
00065 STAGE, STREAM (FEET)	01/27/56-11/29/70	3	1.88	2.087	2.8	1.58	0.404	0.636	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/15/52-11/29/70	9	1056.	1437.778	5000.	508.	1822708.194	1350.077	508.	971.5	1148.	5000.
00403 PH, LAB, STANDARD UNITS SU	01/15/52-11/29/70	9	7.3	7.367	8.	6.7	0.132	0.364	6.7	7.2	7.6	8.
00403 CONVERTED PH, LAB, STANDARD UNITS	01/15/52-11/29/70	9	7.3	7.229	8.	6.7	0.154	0.392	6.7	7.2	7.6	8.
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/52-11/29/70	9	0.05	0.059	0.2	0.01	0.003	0.056	0.01	0.025	0.063	0.2
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	01/15/52-11/29/70	9	153.	165.444	428.	94.	10885.778	104.335	94.	99.	174.5	428.
00671 PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/29/70-11/29/70	1	0.37	0.37	0.37	0.37	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	01/15/52-11/29/70	9	511.	511.889	880.	254.	27617.111	166.184	254.	434.5	558.	880.
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	01/15/52-11/29/70	8	153.	143.125	177.	77.	1000.125	31.625	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	01/15/52-11/29/70	8	29.55	39.638	118.	15.	1068.571	32.689	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	01/15/52-11/29/70	8	45.2	148.075	904.	16.	93423.965	305.653	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	01/15/52-11/29/70	6	11.75	13.283	21.	8.5	19.662	4.434	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	01/15/52-11/29/70	9	29.	108.556	730.	14.	54426.278	233.294	14.	26.	44.5	730.
00946 SULFATE, DISSOLVED (MG/L AS SO4)	01/15/52-11/29/70	8	393.5	488.	1550.	104.	205763.714	453.612	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	01/19/55-11/29/70	4	0.6	0.55	0.7	0.3	0.03	0.173	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	01/15/52-04/02/65	7	130.	435.714	2300.	0.	684895.238	827.584	**	**	**	**
70299 SOLIDS, SUSP. - RESIDUE ON EVAP. AT 180 C (MG/L)	11/29/70-11/29/70	1	10000.	10000.	10000.	10000.	0.	0.	**	**	**	**
70300 RESIDUE, TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/15/52-11/29/70	8	806.5	1108.375	3709.	384.	1129978.554	1063.004	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	01/15/52-11/29/70	8	8.05	9.938	24.8	0.	60.94	7.806	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0143

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403	PH, LAB	Other-Hi Lim.	9.	9	0				6	0	0.00	3	0	0.00			
		Other-Lo Lim.	6.5	9	0				6	0	0.00	3	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	9	0				6	0	0.00	3	0	0.00			
		Drinking Water	250.	9	1				6	1	0.17	3	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	8	6				5	3	0.60	3	3	1.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	4	0				3	0	0.00	1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	8	0				5	0	0.00	3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0144

NPS Station ID: SAMO0144 Location: CALLEGUAS C A CALLEGUAS RD BR Station Type: /TYPA/AMBNT/STREAM RMI-Indexes: RMI-Miles: HUC: 18070103 Major Basin: LOS ANGELES AREA Minor Basin: CALLEGUAS-CONEJO CREEKS RF1 Index: 18070103004 RF3 Index: 18070103000205.38 Description: SURFACE WATER STATION; DATA MANAGER CODE: 3; AREAL CODE: ; BEGINNING OF RECORD: . ; ELEVATION: 125 ; STATION NAME: CALLEGUAS C A CALLEGUAS RD BR ; DWR COUNTY CODE: 56; LATITUDE: 341219; LONGITUDE: 1190059; CALIFORNIA COORDINATES:	LAT/LON: 34.205281/-119.016393          Depth of Water: 0 Elevation: 0  RF1 Mile Point: 1.170 RF3 Mile Point: 5.54	Agency: 21CAL-1 FIPS State/County: 06111 CALIFORNIA/VENTURA STORET Station ID(s): Z4110110 /4031206 Within Park Boundary: No  Aquifer: Water Body Id: ECO Region: Distance from RF1: 0.00 Distance from RF3: 0.01
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Date Created: 08/27/76

On/Off RF1: OFF  
On/Off RF3:

### Parameter Inventory for Station: SAMO0144

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	02/09/62-02/09/62	1	57.	57.	57.	57.	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	02/09/62-02/09/62	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/09/62-02/09/62	1	770.	770.	770.	770.	0.	0.	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	02/09/62-02/09/62	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	02/09/62-02/09/62	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/09/62-02/09/62	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	02/09/62-02/09/62	1	133.	133.	133.	133.	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	02/09/62-02/09/62	1	290.	290.	290.	290.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	02/09/62-02/09/62	1	89.	89.	89.	89.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	02/09/62-02/09/62	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	02/09/62-02/09/62	1	33.	33.	33.	33.	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	02/09/62-02/09/62	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	02/09/62-02/09/62	1	33.	33.	33.	33.	0.	0.	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	02/09/62-02/09/62	1	244.	244.	244.	244.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	02/09/62-02/09/62	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	02/09/62-02/09/62	1	8.	8.	8.	8.	0.	0.	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	02/09/62-02/09/62	1	180.	180.	180.	180.	0.	0.	**	**	**	**
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/09/62-02/09/62	1	524.	524.	524.	524.	0.	0.	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	02/09/62-02/09/62	1	11.	11.	11.	11.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0144

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403 PH, LAB	Other-Hi Lim.	9.	1	0	0.00				1	0	0.00						
	Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



### EPA Water Quality Criteria Analysis for Station: SAMO0144

Parameter	Std. Type	Std. Value	Total			-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
			Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00941 CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
	Drinking Water	250.	1	0	0.00				1	0	0.00						
00946 SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00				1	0	0.00						
	Drinking Water	4.	1	0	0.00				1	0	0.00						
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00				1	0	0.00						
71851 NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: SAMO0145

NPS Station ID: SAMO0145

Location: CALLEGUAS C A CAMARILLO STATE HOSP

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 18070103

Major Basin: CALIFORNIA

Minor Basin: SANTA CLARA RIVER

RF1 Index: 18070103002

RF3 Index: 18070103008300.00

Description:

SURFACE WATER STATION; DATA MANAGER CODE: 3; AREAL CODE: ; BEGINNING OF RECORD: . ; ELEVATION: 70 ;

STATION NAME: CALLEGUAS C A CAMARILLO STA HOSP ;

CALIFORNIA COORDINATES:

LAT/LON: 34.179448/-119.038892

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 7.030

RF3 Mile Point: 0.00

Agency: 21CAL-1

FIPS State/County: 06111 CALIFORNIA/VENTURA

STORET Station ID(s): Z4108000 /40312

Within Park Boundary: No

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 3.70

Distance from RF3: 0.11

Date Created: 06/02/79

On/Off RF1: OFF

On/Off RF3:

Parameter Inventory for Station: SAMO0145

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
***** No Parameter Data at this Station Suitable for Statistical Analysis *****												

## Station Inventory for Station: SAMO0146

NPS Station ID: SAMO0146      LAT/LON: 34.179448/-119.038892  
 Location: CALLEGUAS C A CAMARILLO STATE HOSPITAL CA  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070103      Depth of Water: 0  
 Major Basin:      Elevation: 0  
 Minor Basin:  
 RF1 Index: 18070103      RF1 Mile Point: 0.000  
 RF3 Index: 18070103000605.73      RF3 Mile Point: 6.89  
 Description:

Agency: 112WRD  
 FIPS State/County: 06111 CALIFORNIA/VENTURA  
 STORET Station ID(s): 11106550  
 Within Park Boundary: No

Date Created: / /

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 0.40  
 Distance from RF3: 0.01

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: SAMO0146

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004	STREAM WIDTH (FEET)	6	44.	36.167	50.	11.	269.767	16.425	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	65	14.	14.682	29.	6.5	27.73	5.266	9.	11.	17.	22.9
00060	FLOW, STREAM, MEAN DAILY CFS	18	945.	2629.778	12200.	3.	12341429.595	3513.037	6.6	328.25	4242.5	8996.
00061	FLOW, STREAM, INSTANTANEOUS CFS	57	130.	689.719	12600.	5.	3241923.206	1800.534	8.8	20.	509.	1964.
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	29	98.	86.31	100.	31.	436.793	20.9	52.	76.5	99.	100.
70332	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .125MM	23	98.	88.652	100.	33.	336.874	18.354	56.2	76.	100.	100.
70333	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .250MM	14	97.	90.5	100.	35.	295.038	17.177	55.5	91.25	99.	100.
70334	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .500MM	12	99.5	95.833	100.	57.	150.152	12.254	69.3	98.25	100.	100.
70335	SUSPENDED SED SIEVE DIAMETER,% FINER THAN 1.00MM	6	100.	98.167	100.	90.	16.167	4.021	**	**	**	**
70336	SUSPENDED SED SIEVE DIAMETER,% FINER THAN 2.00MM	2	99.5	99.5	100.	99.	0.5	0.707	**	**	**	**
70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	49	40.	40.612	77.	8.	198.159	14.077	25.	31.	48.	59.
70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	54	45.5	47.463	88.	11.	291.951	17.087	26.5	34.75	56.25	73.
70339	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .008MM	54	56.	55.981	93.	13.	377.113	19.419	30.5	43.	69.	85.5
70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	54	69.	66.889	98.	15.	412.138	20.301	38.5	53.5	83.	95.
70341	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .031MM	54	79.	76.407	99.	16.	405.982	20.149	44.	69.5	93.25	98.
70342	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .062MM	33	89.	83.485	98.	25.	284.883	16.878	52.2	82.	94.	98.
70343	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .125MM	33	96.	90.121	100.	38.	244.985	15.652	56.4	91.5	99.	99.
70344	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .250MM	31	99.	94.903	100.	58.	106.89	10.339	76.	98.	100.	100.
70345	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .500MM	18	100.	98.556	100.	89.	8.614	2.935	93.5	98.5	100.	100.
70346	SUS SED FALL DIA(DISTLD WATER)%FINER THAN 1.00MM	6	100.	100.	100.	100.	0.	0.	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	62	6680.	11667.387	69000.	36.	212820008.34	14588.352	127.3	849.5	19775.	32550.
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	61	6610.	138225.044	2270000.	0.68160080119201.362400100.136		7.76	166.	76800.	372800.	
80156	TOTAL SED DISCHARGE(SUSP PLUS BED LOAD)(TONS/DAY)	1	25900.	25900.	25900.	25900.	0.	0.	**	**	**	**
80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	3	3.	9.667	26.	0.	202.333	14.224	**	**	**	**
80165	BED MATERIAL SIEVE DIAMETER,% FINER THAN .125MM	13	1.	7.385	72.	0.	381.923	19.543	0.4	1.	2.5	46.8
80166	BED MATERIAL SIEVE DIAMETER,% FINER THAN .250MM	13	15.	21.462	92.	1.	551.769	23.49	3.4	9.5	21.5	72.4
80167	BED MATERIAL SIEVE DIAMETER,% FINER THAN .500MM	13	65.	63.692	97.	38.	290.897	17.056	40.8	48.5	75.	92.2
80168	BED MATERIAL SIEVE DIAMETER,% FINER THAN 1.00MM	13	93.	92.231	99.	83.	36.359	6.03	83.	85.5	97.5	99.
80169	BED MATERIAL SIEVE DIAMETER,% FINER THAN 2.00MM	13	99.	98.077	100.	89.	9.244	3.04	91.8	97.	100.	100.
80170	BED MATERIAL SIEVE DIAMETER,% FINER THAN 4.00MM	8	99.5	98.625	100.	93.	5.696	2.387	**	**	**	**
80171	BED MATERIAL SIEVE DIAMETER,% FINER THAN 8.00MM	4	99.5	98.5	100.	95.	5.667	2.38	**	**	**	**
80172	BED MATERIAL SIEVE DIAMETER,% FINER THAN 16.0MM	2	100.	100.	100.	100.	0.	0.	**	**	**	**
80225	BEDLOAD SEDIMENT DISCHARGE (TONS/DAY)	6	15.	16.3	35.	0.2	221.052	14.868	**	**	**	**
80226	BEDLOAD SEDIMENT SIEVE DIAM, % FINER THAN .062MM	4	0.	0.25	1.	0.	0.25	0.5	**	**	**	**
80227	BEDLOAD SEDIMENT SIEVE DIAM, % FINER THAN .125MM	6	1.	1.833	7.	0.	6.967	2.639	**	**	**	**
80228	BEDLOAD SEDIMENT SIEVE DIAM, % FINER THAN .250MM	6	14.	17.333	50.	1.	292.667	17.108	**	**	**	**
80229	BEDLOAD SEDIMENT SIEVE DIAM, % FINER THAN .500MM	6	66.5	62.	88.	36.	371.6	19.277	**	**	**	**
80230	BEDLOAD SEDIMENT SIEVE DIAM, % FINER THAN 1.00MM	6	94.	90.667	98.	75.	73.067	8.548	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

**Parameter Inventory for Station: SAMO0146**

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
80231	BEDLOAD SEDIMENT SIEVE DIAM, % FINER THAN 2.00MM	11/02/77-06/29/78	6	99.	97.667	100.	90.	14.267	3.777	**	**	**	**
80232	BEDLOAD SEDIMENT SIEVE DIAM, % FINER THAN 4.00MM	11/02/77-06/29/78	5	100.	99.8	100.	99.	0.2	0.447	**	**	**	**
80233	BEDLOAD SEDIMENT SIEVE DIAM, % FINER THAN 8.00MM	11/02/77-11/02/77	1	100.	100.	100.	100.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

\*\*\*\*\* No EPA Water Quality Criteria exist to compare against the data at this station. \*\*\*\*\*

### Seasonal Analysis for Season #1: 6/01 to 10/31 - Station SAMO0146

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	01/20/69-01/16/78	3	48.	54.333	67.	48.	120.333	10.97	**	**	**	**
70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	01/20/69-03/22/78	3	60.	66.333	83.	56.	212.333	14.572	**	**	**	**
70339	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .008MM	01/20/69-03/22/78	3	69.	75.333	92.	65.	212.333	14.572	**	**	**	**
70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	01/20/69-03/22/78	3	87.	85.	96.	72.	147.	12.124	**	**	**	**
70341	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .031MM	01/20/69-03/22/78	3	97.	91.333	99.	78.	134.333	11.59	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	01/20/69-03/22/78	3	2900.	3593.667	7000.	881.	9721420.333	3117.919	**	**	**	**
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	01/20/69-03/22/78	3	1360.	3825.333	9640.	476.	25553125.333	5055.01	**	**	**	**
80165	BED MATERIAL SIEVE DIAMETER,% FINER THAN .125MM	01/20/69-09/20/78	9	1.	9.111	72.	0.	556.611	23.593	0.	1.	2.	72.
80166	BED MATERIAL SIEVE DIAMETER,% FINER THAN .250MM	01/20/69-09/20/78	9	15.	21.333	92.	1.	730.75	27.032	1.	9.5	17.5	92.
80167	BED MATERIAL SIEVE DIAMETER,% FINER THAN .500MM	01/20/69-09/20/78	9	65.	63.778	97.	38.	299.194	17.297	38.	51.5	74.5	97.
80168	BED MATERIAL SIEVE DIAMETER,% FINER THAN 1.00MM	01/20/69-09/20/78	9	93.	92.667	99.	83.	30.25	5.5	83.	88.5	97.5	99.
80169	BED MATERIAL SIEVE DIAMETER,% FINER THAN 2.00MM	01/20/69-09/20/78	9	99.	98.	100.	89.	12.25	3.5	89.	98.	100.	100.

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #2: 11/01 to 2/29 - Station SAMO0146

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	01/20/69-01/16/78	38	37.	38.237	77.	8.	209.969	14.49	23.6	27.5	44.75	59.3
70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	01/20/69-03/22/78	39	43.	45.205	88.	11.	276.378	16.625	27.	34.	54.	67.
70339	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .008MM	01/20/69-03/22/78	39	48.	53.333	93.	13.	345.123	18.577	32.	41.	65.	83.
70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	01/20/69-03/22/78	39	64.	64.154	98.	15.	384.923	19.619	42.	51.	78.	93.
70341	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .031MM	01/20/69-03/22/78	39	75.	74.026	99.	16.	402.289	20.057	49.	56.	89.	98.
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	01/20/69-03/22/78	46	7525.	12637.152	69000.	36.	221086629.465	14868.982	106.6	496.5	20550.	34230.
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	01/20/69-03/22/78	46	7535.	139212.363	2270000.	0.68141632211146.	567376340.552	4.04	29.25	111500.	406500.	
80165	BED MATERIAL SIEVE DIAMETER,% FINER THAN .125MM	01/20/69-09/20/78	2	5.	5.	9.	1.	32.	5.657	**	**	**	**
80166	BED MATERIAL SIEVE DIAMETER,% FINER THAN .250MM	01/20/69-09/20/78	2	25.	25.	43.	7.	648.	25.456	**	**	**	**
80167	BED MATERIAL SIEVE DIAMETER,% FINER THAN .500MM	01/20/69-09/20/78	2	65.	65.	85.	45.	800.	28.284	**	**	**	**
80168	BED MATERIAL SIEVE DIAMETER,% FINER THAN 1.00MM	01/20/69-09/20/78	2	91.	91.	99.	83.	128.	11.314	**	**	**	**
80169	BED MATERIAL SIEVE DIAMETER,% FINER THAN 2.00MM	01/20/69-09/20/78	2	98.	98.	100.	96.	8.	2.828	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #3: 3/01 to 5/31 - Station SAMO0146

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	01/20/69-01/16/78	8	45.	46.75	59.	34.	60.214	7.76	**	**	**	**
70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	01/20/69-03/22/78	12	53.5	50.083	74.	19.	290.629	17.048	19.9	40.	59.75	73.4
70339	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .008MM	01/20/69-03/22/78	12	65.	59.75	86.	20.	443.659	21.063	21.2	49.	73.75	85.7
70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	01/20/69-03/22/78	12	78.5	71.25	96.	29.	492.568	22.194	29.3	62.	86.	95.4
70341	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .031MM	01/20/69-03/22/78	12	89.5	80.417	99.	38.	443.538	21.06	38.3	74.	94.75	97.8
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	01/20/69-03/22/78	13	3090.	10099.077	55000.	94.	228574105.077	15118.667	294.	1340.	12150.	42520.
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	01/20/69-03/22/78	12	4675.	168040.25	1870000.	123.287854954430.75	536521.159	192.6	711.25	22150.	1334830.	
80165	BED MATERIAL SIEVE DIAMETER,% FINER THAN .125MM	01/20/69-09/20/78	2	2.	2.	3.	1.	2.	1.414	**	**	**	**
80166	BED MATERIAL SIEVE DIAMETER,% FINER THAN .250MM	01/20/69-09/20/78	2	18.5	18.5	25.	12.	84.5	9.192	**	**	**	**
80167	BED MATERIAL SIEVE DIAMETER,% FINER THAN .500MM	01/20/69-09/20/78	2	62.	62.	74.	50.	288.	16.971	**	**	**	**
80168	BED MATERIAL SIEVE DIAMETER,% FINER THAN 1.00MM	01/20/69-09/20/78	2	91.5	91.5	97.	86.	60.5	7.778	**	**	**	**
80169	BED MATERIAL SIEVE DIAMETER,% FINER THAN 2.00MM	01/20/69-09/20/78	2	98.5	98.5	100.	97.	4.5	2.121	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

## Station Inventory for Station: SAMO0147

NPS Station ID: SAMO0147 Location: CALLEGUAS C A CAMARILLO ST HOSPIT Station Type: /TYPA/AMBNT/STREAM RMI-Indexes: RMI-Miles: HUC: 18070103 Major Basin: LOS ANGELES AREA Minor Basin: CALLEGUAS-CONEJO CREEKS RF1 Index: 18070103002 RF3 Index: 18070103019000.00 Description: SURFACE WATER STATION; DATA MANAGER CODE: 3; AREAL CODE: ; BEGINNING OF RECORD: . ; ELEVATION: 65 ; STATION NAME: CALLEGUAS C A CAMARILLO ST HOSPIT; DWR COUNTY CODE: 56; LATITUDE: 341048; LONGITUDE: 1190227; CALIFORNIA COORDINATES:	LAT/LON: 34.180003/-119.040838           Depth of Water: 0 Elevation: 0   RF1 Mile Point: 6.930 RF3 Mile Point: 0.11	Agency: 21CAL-1 FIPS State/County: 06111 CALIFORNIA/VENTURA STORET Station ID(s): Z4107880 /4031205 Within Park Boundary: No   Aquifer: Water Body Id: ECO Region: Distance from RF1: 0.00 Distance from RF3: 0.04
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Date Created: 08/27/76

On/Off RF1: OFF  
On/Off RF3:

### Parameter Inventory for Station: SAMO0147

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	03/07/52-04/08/58	2	54.5	54.5	64.	45.	180.5	13.435	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	01/07/52-03/15/52	4	152.5	701.75	2500.	2.	1442572.25	1201.071	**	**	**	**
00065 STAGE, STREAM (FEET)	03/15/52-04/08/58	2	2.34	2.34	2.6	2.08	0.135	0.368	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/07/52-04/08/58	5	748.	1063.4	1975.	637.	337626.3	581.056	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	01/07/52-04/08/58	5	7.9	7.74	8.2	7.	0.218	0.467	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	01/07/52-04/08/58	5	7.9	7.511	8.2	7.	0.283	0.532	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/07/52-04/08/58	5	0.013	0.031	0.1	0.006	0.002	0.039	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	01/07/52-04/08/58	5	162.	183.4	386.	98.	13781.8	117.396	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	01/07/52-04/08/58	5	315.	390.8	651.	230.	27634.2	166.235	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	03/07/52-04/08/58	4	88.4	104.45	191.	50.	3657.93	60.481	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS Mg)	03/07/52-04/08/58	4	24.7	27.75	42.	19.6	97.157	9.857	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	03/07/52-04/08/58	4	41.35	39.6	52.	23.7	167.047	12.925	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	04/08/58-04/08/58	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	01/07/52-04/08/58	5	32.	67.	200.	20.	5697.	75.478	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	03/07/52-04/08/58	4	233.	280.	548.	106.	35512.	188.446	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	04/08/58-04/08/58	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	04/08/58-04/08/58	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	01/07/52-04/08/58	5	100.	204.	600.	0.	66080.	257.06	**	**	**	**
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/07/52-04/08/58	5	506.	753.6	1380.	384.	195322.8	441.953	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	03/07/52-04/08/58	4	4.1	4.525	8.7	1.2	9.642	3.105	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0147

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403 PH, LAB	Other-Hi Lim.	9.	5	0	0.00												
	Other-Lo Lim.	6.5	5	0	0.00				1	0	0.00	4	0	0.00			
									1	0	0.00	4	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### EPA Water Quality Criteria Analysis for Station: SAMO0147

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00941 CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	5	0	0.00				1	0	0.00	4	0	0.00			
	Drinking Water	250.	5	0	0.00				1	0	0.00	4	0	0.00			
00946 SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	4	1	0.25							4	1	0.25			
	Drinking Water	4.	1	0	0.00							1	0	0.00			
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00							1	0	0.00			
71851 NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	4	0	0.00							4	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### Station Inventory for Station: SAMO0148

NPS Station ID: SAMO0148  
Location: CALLEGUAS C A LEWIS RD CA  
Station Type: /TYPA/AMBNT/STREAM  
RMI-Indexes:  
RMI-Miles:  
HUC:  
Major Basin:  
Minor Basin:  
RF1 Index:  
RF3 Index: 18070104000308.37  
Description:

LAT/LON: 34.179726/-119.043337  
  
  
  
  
  
Depth of Water: 0  
Elevation: 0  
  
RF1 Mile Point: 0.000  
RF3 Mile Point: 12.39

Agency: 112WRD  
FIPS State/County: 06111 CALIFORNIA/VENTURA  
STORET Station ID(s): 341047119023601  
Within Park Boundary: No  
  
Aquifer:  
Water Body Id:  
ECO Region:  
Distance from RF1: 0.00  
Distance from RF3: 0.04

Date Created: 07/09/94  
  
  
  
  
  
On/Off RF1:  
On/Off RF3:

### Parameter Inventory for Station: SAMO0148

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/11/90-07/11/90	1	25.5	25.5	25.5	25.5	0.	0.	**	**	**	**
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/11/90-07/11/90	1	28.	28.	28.	28.	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	07/11/90-07/11/90	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/11/90-07/11/90	1	1500.	1500.	1500.	1500.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

\*\*\*\*\* No EPA Water Quality Criteria exist to compare against the data at this station. \*\*\*\*\*



## Station Inventory for Station: SAMO0149

NPS Station ID: SAMO0149 Location: LONG GRADE C JUST US FROM CALLEGU Station Type: /TYPA/AMBNT/STREAM RMI-Indexes: RMI-Miles: HUC: 18070103 Major Basin: LOS ANGELES AREA Minor Basin: CALLEGUAS-CONEJO CREEKS RF1 Index: 18070103002 RF3 Index: 18070103013000.00 Description: SURFACE WATER STATION; DATA MANAGER CODE: 3; AREAL CODE: ; BEGINNING OF RECORD: . ; ELEVATION: 38 ; STATION NAME: LONG GRADE C JUST US FROM CALLEGU; DWR COUNTY CODE: 56; LATITUDE: 341000; LONGITUDE: 1190328; CALIFORNIA COORDINATES:	LAT/LON: 34.166670/-119.057781           Depth of Water: 0 Elevation: 0   RF1 Mile Point: 5.430 RF3 Mile Point: 0.00	Agency: 21CAL-1 FIPS State/County: 06111 CALIFORNIA/VENTURA STORET Station ID(s): Z4106110 /4031204 Within Park Boundary: No   Aquifer: Water Body Id: ECO Region: Distance from RF1: 0.00 Distance from RF3: 0.08
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Date Created: 08/27/76

On/Off RF1: OFF  
On/Off RF3:

### Parameter Inventory for Station: SAMO0149

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/27/56-01/27/56	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	01/27/56-01/27/56	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/27/56-01/27/56	1	237.	237.	237.	237.	0.	0.	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	01/27/56-01/27/56	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	01/27/56-01/27/56	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/27/56-01/27/56	1	0.126	0.126	0.126	0.126	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	01/27/56-01/27/56	1	50.	50.	50.	50.	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	01/27/56-01/27/56	1	69.	69.	69.	69.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	01/27/56-01/27/56	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	01/27/56-01/27/56	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	01/27/56-01/27/56	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	01/27/56-01/27/56	1	3.4	3.4	3.4	3.4	0.	0.	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	01/27/56-01/27/56	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	01/27/56-01/27/56	1	36.	36.	36.	36.	0.	0.	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	01/27/56-01/27/56	1	170.	170.	170.	170.	0.	0.	**	**	**	**
70300 RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	01/27/56-01/27/56	1	183.	183.	183.	183.	0.	0.	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	01/27/56-01/27/56	1	5.	5.	5.	5.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0149

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403 PH, LAB	Other-Hi Lim.	9.	1	0	0.00				1	0	0.00						
	Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00941 CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
	Drinking Water	250.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: SAMO0149

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00				1	0	0.00						
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0150

NPS Station ID: SAMO0150 Location: CALLEGUAS C LEWIS RD BR W/ ROUND Station Type: /TYPA/AMBNT/STREAM RMI-Indexes: RMI-Miles: HUC: 18070103 Major Basin: LOS ANGELES AREA Minor Basin: CALLEGUAS-CONEJO CREEKS RF1 Index: 18070103002 RF3 Index: 18070103011900.00 Description: SURFACE WATER STATION; DATA MANAGER CODE: 3; AREAL CODE: ; BEGINNING OF RECORD: . ; ELEVATION: 35 ; STATION NAME: CALLEGUAS C LEWIS RD BR W/ ROUND ; DWR COUNTY CODE: 56; LATITUDE: 340952; LONGITUDE: 1190339; CALIFORNIA COORDINATES:	LAT/LON: 34.164449/-119.060838           Depth of Water: 0 Elevation: 0  RF1 Mile Point: 5.190 RF3 Mile Point: 1.23	Agency: 21CAL-1 FIPS State/County: 06111 CALIFORNIA/VENTURA STORET Station ID(s): Z4105550 /4031203 Within Park Boundary: No  Aquifer: Water Body Id: ECO Region: Distance from RF1: 32.10 Distance from RF3: 0.05
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Date Created: 08/27/76

On/Off RF1: OFF  
On/Off RF3:

### Parameter Inventory for Station: SAMO0150

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/27/56-01/27/56	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	02/14/61-02/14/61	1	57.	57.	57.	57.	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	01/27/56-02/14/61	2	38.	38.	75.	1.	2738.	52.326	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/27/56-02/14/61	2	1891.	1891.	3416.	366.	4651250.	2156.676	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	01/27/56-02/14/61	2	7.4	7.4	7.6	7.2	0.08	0.283	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	01/27/56-02/14/61	2	7.355	7.355	7.6	7.2	0.084	0.29	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/27/56-02/14/61	2	0.044	0.044	0.063	0.025	0.001	0.027	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	01/27/56-02/14/61	2	206.	206.	328.	84.	29768.	172.534	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	01/27/56-02/14/61	2	768.5	768.5	1406.	131.	812812.5	901.561	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	01/27/56-02/14/61	2	175.	175.	319.	31.	41472.	203.647	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	01/27/56-02/14/61	2	80.5	80.5	148.	13.	9112.5	95.459	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS NA)	01/27/56-02/14/61	2	175.	175.	331.	19.	48672.	220.617	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	01/27/56-02/14/61	2	10.55	10.55	16.	5.1	59.405	7.707	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	01/27/56-02/14/61	2	247.	247.	475.	19.	103968.	322.441	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	01/27/56-02/14/61	2	562.	562.	1070.	54.	516128.	718.42	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	02/14/61-02/14/61	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	02/14/61-02/14/61	1	55.	55.	55.	55.	0.	0.	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	01/27/56-02/14/61	2	475.	475.	740.	210.	140450.	374.767	**	**	**	**
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/27/56-02/14/61	2	1567.	1567.	2870.	264.	3395618.	1842.72	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	01/27/56-02/14/61	2	12.5	12.5	16.	9.	24.5	4.95	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0150

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403 PH, LAB	Other-Hi Lim.	9.	2	0	0.00												
	Other-Lo Lim.	6.5	2	0	0.00				2	0	0.00						
									2	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### EPA Water Quality Criteria Analysis for Station: SAMO0150

Parameter	Std. Type	Std. Value	Total			-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
			Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute 860.	2	0	0.00				2	0	0.00						
		Drinking Water 250.	2	1	0.50				2	1	0.50						
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water 250.	2	1	0.50				2	1	0.50						
00950	FLUORIDE, DISSOLVED AS F	Drinking Water 4.	1	0	0.00				1	0	0.00						
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water 44.	2	0	0.00				2	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0151

NPS Station ID: SAMO0151  
 Location: CALLEGUAS CR. @ HUENEME-LEWIS ROADS BRIDGE  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070103  
 Major Basin: CALIFORNIA  
 Minor Basin: SANTA CLARA RIVER  
 RF1 Index: 18070103  
 RF3 Index: 18070103010100.00  
 Description:

LAT/LON: 34.163892/-119.061115

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 0.00

Agency: 21CAL-4  
 FIPS State/County: 06111 CALIFORNIA/VENTURA  
 STORET Station ID(s): WB0440950190341  
 Within Park Boundary: No

Date Created: 08/29/87

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 24.00  
 Distance from RF3: 0.55

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: SAMO0151

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00341 COD, DISSOLVED, .25N K2CR2O7 MG/L	12/11/86-12/11/86	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CACO3)	12/11/86-12/11/86	1	199.	199.	199.	199.	0.	0.	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	12/11/86-12/11/86	1	199.	199.	199.	199.	0.	0.	**	**	**	**
00445 CARBONATE ION (MG/L AS CO3)	12/11/86-12/11/86	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CACO3)	12/11/86-12/11/86	1	396.	396.	396.	396.	0.	0.	**	**	**	**
00918 CALCIUM,TOTAL RECOVERABLE IN WATER AS CA MG/L	12/11/86-12/11/86	1	67.	67.	67.	67.	0.	0.	**	**	**	**
00921 MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	12/11/86-12/11/86	1	56.	56.	56.	56.	0.	0.	**	**	**	**
00923 SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	12/11/86-12/11/86	1	140.	140.	140.	140.	0.	0.	**	**	**	**
00939 POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	12/11/86-12/11/86	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00940 CHLORIDE,TOTAL IN WATER MG/L	12/11/86-12/11/86	1	158.	158.	158.	158.	0.	0.	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	12/11/86-12/11/86	1	225.	225.	225.	225.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	12/11/86-12/11/86	1	0.35	0.35	0.35	0.35	0.	0.	**	**	**	**
00980 IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	12/11/86-12/11/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00999 BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	12/11/86-12/11/86	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
01032 CHROMIUM, HEXAVALENT (UG/L AS CR)	12/11/86-12/11/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01123 MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	12/11/86-12/11/86	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
01291 CYANIDE, FILTERABLE, TOTAL IN WATER UG/L	12/11/86-12/11/86	1	47.	47.	47.	47.	0.	0.	**	**	**	**
32101 BROMODICHLOROMETHANE, WHOLE WATER,UG/L	12/11/86-12/11/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
32102 CARBON TETRACHLORIDE,WHOLE WATER,UG/L	12/11/86-12/11/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
32104 BROMOFORM,WHOLE WATER,UG/L	12/11/86-12/11/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
32105 DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	12/11/86-12/11/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
32106 CHLOROFORM,WHOLE WATER,UG/L	12/11/86-12/11/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34010 TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	12/11/86-12/11/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34030 BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	12/11/86-12/11/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34200 ACENAPHTHYLENE TOTWUG/L	12/11/86-12/11/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34205 ACENAPHTHENE TOTWUG/L	12/11/86-12/11/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34220 ANTHRACENE TOTWUG/L	12/11/86-12/11/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34230 BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	12/11/86-12/11/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34242 BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	12/11/86-12/11/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34247 BENZO-A-PYRENE TOTWUG/L	12/11/86-12/11/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34259 DELTA BENZENE HEXACHLORIDE TOTWUG/L	12/11/86-12/11/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34273 BIS (2-CHLOROETHYL) ETHER TOTWUG/L	12/11/86-12/11/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34278 BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	12/11/86-12/11/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34283 BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	12/11/86-12/11/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34292 N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	12/11/86-12/11/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34301 CHLOROBENZENE TOTWUG/L	12/11/86-12/11/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34311 CHLOROETHANE TOTWUG/L	12/11/86-12/11/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34320 CHRYSENE TOTWUG/L	12/11/86-12/11/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

# Parameter Inventory for Station: SAMO0151

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34336	DIETHYL PHTHALATE TOTWUG/L	12/11/86-12/11/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34341	DIMETHYL PHTHALATE TOTWUG/L	12/11/86-12/11/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34351	ENDOSULFAN SULFATE TOTWUG/L	12/11/86-12/11/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34356	ENDOSULFAN, BETA TOTWUG/L	12/11/86-12/11/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34361	ENDOSULFAN, ALPHA TOTWUG/L	12/11/86-12/11/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34366	ENDRIN ALDEHYDE TOTWUG/L	12/11/86-12/11/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	12/11/86-12/11/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34376	FLUORANTHENE TOTWUG/L	12/11/86-12/11/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34381	FLUORENE TOTWUG/L	12/11/86-12/11/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	12/11/86-12/11/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34391	HEXACHLOROBUTADIENE TOTWUG/L	12/11/86-12/11/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34396	HEXACHLOROETHANE TOTWUG/L	12/11/86-12/11/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	12/11/86-12/11/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34408	ISOPHORONE TOTWUG/L	12/11/86-12/11/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34413	METHYL BROMIDE TOTWUG/L	12/11/86-12/11/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34418	METHYL CHLORIDE TOTWUG/L	12/11/86-12/11/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	12/11/86-12/11/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	12/11/86-12/11/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34433	N-NITROSODIPHENYLAMINE TOTWUG/L	12/11/86-12/11/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34447	NITROBENZENE TOTWUG/L	12/11/86-12/11/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34452	PARACHLOROMETA CRESOL TOTWUG/L	12/11/86-12/11/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34461	PHENANTHRENE TOTWUG/L	12/11/86-12/11/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34469	PYRENE TOTWUG/L	12/11/86-12/11/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	12/11/86-12/11/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	12/11/86-12/11/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34496	1,1-DICHLOROETHANE TOTWUG/L	12/11/86-12/11/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34501	1,1-DICHLOROETHYLENE TOTWUG/L	12/11/86-12/11/86	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	12/11/86-12/11/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	12/11/86-12/11/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	12/11/86-12/11/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34521	BENZO(GH)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	12/11/86-12/11/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	12/11/86-12/11/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34531	1,2-DICHLOROETHANE TOTWUG/L	12/11/86-12/11/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34541	1,2-DICHLOROPROPANE TOTWUG/L	12/11/86-12/11/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	12/11/86-12/11/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	12/11/86-12/11/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	12/11/86-12/11/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	12/11/86-12/11/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34581	2-CHLORONAPHTHALENE TOTWUG/L	12/11/86-12/11/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34586	2-CHLOROPHENOL TOTWUG/L	12/11/86-12/11/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34591	2-NITROPHENOL TOTWUG/L	12/11/86-12/11/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34596	DI-N-OCTYL PHTHALATE TOTWUG/L	12/11/86-12/11/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34601	2,4-DICHLOROPHENOL TOTWUG/L	12/11/86-12/11/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34606	2,4-DIMETHYLPHENOL TOTWUG/L	12/11/86-12/11/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34611	2,4-DINITROTOLUENE TOTWUG/L	12/11/86-12/11/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34616	2,4-DINITROPHENOL TOTWUG/L	12/11/86-12/11/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	12/11/86-12/11/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34626	2,6-DINITROTOLUENE TOTWUG/L	12/11/86-12/11/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	12/11/86-12/11/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	12/11/86-12/11/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	12/11/86-12/11/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34646	4-NITROPHENOL TOTWUG/L	12/11/86-12/11/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	12/11/86-12/11/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34668	DICHLORODIFUOROMETHANE TOTWUG/L	12/11/86-12/11/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34671	PCB - 1016 TOTWUG/L	12/11/86-12/11/86	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	12/11/86-12/11/86	2 ##	0.251	0.251	0.5	0.001	0.125	0.353	**	**	**	**
34696	NAPHTHALENE TOTWUG/L	12/11/86-12/11/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	12/11/86-12/11/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	12/11/86-12/11/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	12/11/86-12/11/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39045	2,4,5-TP INCLUDES ACIDS & SALTS WATER SAMPL UG/L	12/11/86-12/11/86	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	12/11/86-12/11/86	1	3.7	3.7	3.7	3.7	0.	0.	**	**	**	**
39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	12/11/86-12/11/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**

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### Parameter Inventory for Station: SAMO0151

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	1 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
70304	SOLIDS, TOTAL DISSOLVED-COND. METER (MG/L)	1	842.	842.	842.	842.	0.	0.	**	**	**	**
70311	PH, CACO3 STABILITY (STANDARD UNITS)	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
70311	CONVERTED PH, CACO3 STABILITY (STANDARD UNITS)	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
70311	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	1	35.	35.	35.	35.	0.	0.	**	**	**	**
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
77128	STYRENE WHOLE WATER,UG/L	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
81596	METHYL-ISOBUTYL KETONE WHL WATER SMPL UG/L	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
81710	M-XYLENE IN THE WHOLE WATER SAMPLE MG/L	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
81711	O-XYLENE IN THE WHOLE WATER SAMPLE MG/L	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

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### EPA Water Quality Criteria Analysis for Station: SAMO0151

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00			1	0	0.00						
		Drinking Water	250.	1	0	0.00			1	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00			1	0	0.00						
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00			1	0	0.00						
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	1	0	0.00			1	0	0.00						
		Drinking Water	100.	1	0	0.00			1	0	0.00						
01291	CYANIDE, FILTERABLE, TOTAL IN WATER	Fresh Acute	22.	1	1	1.00			1	1	1.00						
		Drinking Water	200.	1	0	0.00			1	0	0.00						
32101	BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00			1	0	0.00						
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	1	0	0.00			1	0	0.00						
		Drinking Water	5.	1	0	0.00			1	0	0.00						
32104	BROMOFORM, WHOLE WATER	Drinking Water	100.	1	0	0.00			1	0	0.00						
32105	DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00			1	0	0.00						
32106	CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	1	0	0.00			1	0	0.00						
		Drinking Water	100.	1	0	0.00			1	0	0.00						
34010	TOLUENE IN WTR SMPL GC-MS, HEXADECONE E	Fresh Acute	17500.	1	0	0.00			1	0	0.00						
		Drinking Water	1000.	1	0	0.00			1	0	0.00						
34205	ACENAPHTHENE, TOTAL	Fresh Acute	1700.	1	0	0.00			1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

# EPA Water Quality Criteria Analysis for Station: SAMO0151

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31----- Obs Exceed Prop.	-----11/01-2/29----- Obs Exceed Prop.	-----3/01-5/31----- Obs Exceed Prop.	-----n/a----- Obs Exceed Prop.
34301 CHLOROBENZENE, TOTAL	Drinking Water	100.	1	0	0.00		1	0	0.00
34356 ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	0 &	0	0.00				
34361 ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	0 &	0	0.00				
34371 ETHYLBENZENE, TOTAL	Fresh Acute	32000.	1	0	0.00		1	0	0.00
	Drinking Water	700.	1	0	0.00		1	0	0.00
34376 FLUORANTHENE, TOTAL	Fresh Acute	3980.	1	0	0.00		1	0	0.00
34386 HEXACHLOROCYCLOPENTADIENE	Fresh Acute	7.	1	0	0.00		1	0	0.00
34386 HEXACHLOROCYCLOPENTADIENE, TOTAL	Drinking Water	50.	1	0	0.00		1	0	0.00
34391 HEXACHLOROBUTADIENE, TOTAL	Fresh Acute	90.	1	0	0.00		1	0	0.00
34396 HEXACHLOROETHANE, TOTAL	Fresh Acute	980.	1	0	0.00		1	0	0.00
34403 IDENO (1,2,3-CD) PYRENE	Drinking Water	0.4	0 &	0	0.00				
34408 ISOPHORONE, TOTAL	Fresh Acute	117000.	1	0	0.00		1	0	0.00
34423 METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	1	0	0.00		1	0	0.00
34447 NITROBENZENE, TOTAL	Fresh Acute	27000.	1	0	0.00		1	0	0.00
34452 PARACHLOROMETA CRESOL, TOTAL	Fresh Acute	30.	1	0	0.00		1	0	0.00
34461 PHENANTHRENE, TOTAL	Fresh Acute	30.	1	0	0.00		1	0	0.00
34475 TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	1	0	0.00		1	0	0.00
	Drinking Water	5.	1	0	0.00		1	0	0.00
34501 1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	1	0	0.00		1	0	0.00
34506 1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	1	0	0.00		1	0	0.00
34511 1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	1	0	0.00		1	0	0.00
34531 1,2-DICHLOROETHANE, TOTAL	Fresh Acute	118000.	1	0	0.00		1	0	0.00
	Drinking Water	5.	1	0	0.00		1	0	0.00
34541 1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	1	0	0.00		1	0	0.00
34546 TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	1	0	0.00		1	0	0.00
34551 1,2,4-TRICHLOROBENZENE, TOTAL	Drinking Water	70.	1	0	0.00		1	0	0.00
34586 2-CHLOROPHENOL, TOTAL	Fresh Acute	4380.	1	0	0.00		1	0	0.00
34601 2,4-DICHLOROPHENOL, TOTAL	Fresh Acute	2020.	1	0	0.00		1	0	0.00
34606 2,4-DIMETHYLPHENOL, TOTAL	Fresh Acute	2120.	1	0	0.00		1	0	0.00
34611 2,4-DINITROTOLUENE, TOTAL	Fresh Acute	330.	1	0	0.00		1	0	0.00
34694 PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	Fresh Acute	10200.	2	0	0.00		2	0	0.00
34696 NAPHTHALENE, TOTAL	Fresh Acute	2300.	1	0	0.00		1	0	0.00
39032 PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	1	0	0.00		1	0	0.00
	Drinking Water	1.	0 &	0	0.00				
39045 2,4,5-TP INCLUDES ACIDS & SALTS WATER SA	Drinking Water	50.	1	0	0.00		1	0	0.00
39100 BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	Fresh Acute	2000.	1	0	0.00		1	0	0.00
	Drinking Water	6.	1	0	0.00		1	0	0.00
39175 VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	1	0	0.00		1	0	0.00
39180 TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	1	0	0.00		1	0	0.00
	Drinking Water	5.	1	0	0.00		1	0	0.00
39300 P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	1	0	0.00		1	0	0.00
39310 P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	0 &	0	0.00				
39320 P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	1	0	0.00		1	0	0.00
39330 ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	1	0	0.00		1	0	0.00
39340 GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	1	0	0.00		1	0	0.00
	Drinking Water	0.2	0 &	0	0.00				
39370 DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	1	0	0.00		1	0	0.00
39380 DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	1	0	0.00		1	0	0.00
39390 ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	0 &	0	0.00				
	Drinking Water	2.	1	0	0.00		1	0	0.00
39410 HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	0 &	0	0.00				
	Drinking Water	0.4	0 &	0	0.00				
39420 HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	0 &	0	0.00				
	Drinking Water	0.2	0 &	0	0.00				
39700 HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Drinking Water	1.	0 &	0	0.00				
39700 HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	1	0	0.00		1	0	0.00
71851 NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00		1	0	0.00
71901 MERCURY, TOTAL RECOVERABLE IN WATER AS HG	Fresh Acute	2.4	1	0	0.00		1	0	0.00
	Drinking Water	2.	1	0	0.00		1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



EPA Water Quality Criteria Analysis for Station: SAMO0151

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
77093	CIS-1,2-DICHLOROETHYLENE, WHOLE WATER	Drinking Water	70.	1	0	0.00				1	0	0.00						
77128	STYRENE, WHOLE WATER	Drinking Water	100.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0152

NPS Station ID: SAMO0152 Location: BROWN BARRANCA HWY 118 BR A WELLS Station Type: /TYPA/AMBNT/STREAM RMI-Indexes: RMI-Miles: HUC: 18070103 Major Basin: LOS ANGELES AREA Minor Basin: LOWER SANTA CLARA RIVER RF1 Index: 18070103 RF3 Index: 18070103035500.00 Description: SURFACE WATER STATION; DATA MANAGER CODE: 3; AREAL CODE: ; STATION NAME: BROWN BARRANCA HWY 118 BR A WELLS; CALIFORNIA COORDINATES:	LAT/LON: 34.283615/-119.067503  Depth of Water: 0 Elevation: 0  RF1 Mile Point: 0.000 RF3 Mile Point: 0.00	Agency: 21CAL-1 FIPS State/County: 06111 CALIFORNIA/VENTURA STORET Station ID(s): Z2118010 /4036101 Within Park Boundary: No  Aquifer: Water Body Id: ECO Region: Distance from RF1: 9.90 Distance from RF3: 0.31
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Date Created: 08/27/76

On/Off RF1:  
On/Off RF3:

### Parameter Inventory for Station: SAMO0152

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/16/57-12/16/57	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	11/19/59-11/20/63	3	60.	61.	63.	60.	3.	1.732	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	01/26/56-11/20/63	4	9.	8.75	15.	2.	34.25	5.852	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/26/56-11/20/63	5	1680.	1648.8	2488.	826.	605040.7	777.844	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	01/26/56-11/20/63	5	7.7	7.78	8.3	7.4	0.117	0.342	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	01/26/56-11/20/63	5	7.7	7.688	8.3	7.4	0.128	0.357	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/26/56-11/20/63	5	0.02	0.02	0.04	0.005	0.	0.013	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	01/26/56-11/20/63	5	203.	184.8	290.	97.	7179.7	84.733	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	01/26/56-11/20/63	5	388.	500.	1030.	213.	113676.5	337.159	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	01/26/56-11/20/63	5	111.	125.6	271.	59.	7427.8	86.185	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS Mg)	01/26/56-11/20/63	5	22.	45.4	86.	16.	1311.8	36.219	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	01/26/56-11/20/63	5	190.	170.6	288.	84.	7055.8	83.999	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	01/26/56-11/20/63	5	6.5	6.74	9.8	4.7	3.533	1.88	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	01/26/56-11/20/63	5	78.	70.2	115.	29.	1485.7	38.545	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	01/26/56-11/20/63	5	654.	615.	1008.	245.	109342.5	330.67	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	12/16/57-11/20/63	4	0.5	0.5	0.6	0.4	0.013	0.115	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	12/16/57-11/20/63	4	24.5	22.5	30.	11.	79.	8.888	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	01/26/56-11/20/63	5	400.	382.	700.	140.	54720.	233.923	**	**	**	**
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/26/56-11/20/63	5	1388.	1275.6	2049.	572.	429939.3	655.698	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	01/26/56-11/20/63	5	14.8	14.68	20.	11.	14.772	3.843	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0152

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403 PH, LAB	Other-Hi Lim.	9.	5	0	0.00												
	Other-Lo Lim.	6.5	5	0	0.00				5	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### EPA Water Quality Criteria Analysis for Station: SAMO0152

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00941 CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	5	0	0.00				5	0	0.00						
	Drinking Water	250.	5	0	0.00				5	0	0.00						
00946 SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	5	4	0.80				5	4	0.80						
	Drinking Water	4.	4	0	0.00				4	0	0.00						
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	4	0	0.00				4	0	0.00						
71851 NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	5	0	0.00				5	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0153

NPS Station ID: SAMO0153  
 Location: BEARDSLEY WASH A WALNUT AVE CA  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070103  
 Major Basin:  
 Minor Basin:  
 RF1 Index: 18070103  
 RF3 Index: 18070103007700.00  
 Description:

LAT/LON: 34.254726/-119.076392

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 1.06

Agency: 112WRD  
 FIPS State/County: 06111 CALIFORNIA/VENTURA  
 STORET Station ID(s): 341517119043501  
 Within Park Boundary: No

Date Created: 09/29/90

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 12.50  
 Distance from RF3: 0.07

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: SAMO0153

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/23/90-07/23/90	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/23/90-07/23/90	1	24.5	24.5	24.5	24.5	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	07/23/90-07/23/90	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/23/90-07/23/90	1	1320.	1320.	1320.	1320.	0.	0.	**	**	**	**
82082 DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	07/23/90-07/23/90	1	-42.5	-42.5	-42.5	-42.5	0.	0.	**	**	**	**
82085 OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	07/23/90-07/23/90	1	-6.4	-6.4	-6.4	-6.4	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

\*\*\*\*\* No EPA Water Quality Criteria exist to compare against the data at this station. \*\*\*\*\*

## Station Inventory for Station: SAMO0154

NPS Station ID: SAMO0154  
 Location: CALLEGUAS CREEK AT US 101 ALT  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070103  
 Major Basin: LOS ANGELES AREA  
 Minor Basin: CALLEGUAS-CONEJO CREEKS  
 RF1 Index: 18070103002  
 RF3 Index: 18070103000201.32  
 Description:  
 SURFACE WATER STATION; DATA MANAGER CODE: 3; AREAL CODE: ; BEGINNING OF RECORD: . ; ELEVATION: 13 ;  
 STATION NAME: CALLEGUAS CREEK AT US 101 ALT ; DWR COUNTY CODE: 56; LATITUDE: 340646; LONGITUDE: 1190452;  
 CALIFORNIA COORDINATES:

LAT/LON: 34.112781/-119.081116

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.990  
 RF3 Mile Point: 1.33

Agency: 21CAL-1  
 FIPS State/County: 06111 CALIFORNIA/VENTURA  
 STORET Station ID(s): Z4103330 /4031141  
 Within Park Boundary: No

Date Created: 08/27/76

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 0.00  
 Distance from RF3: 0.01

On/Off RF1: OFF  
 On/Off RF3:

## Parameter Inventory for Station: SAMO0154

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	02/16/62-02/16/62	1	60.	60.	60.	60.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/16/62-02/16/62	1	3765.	3765.	3765.	3765.	0.	0.	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	02/16/62-02/16/62	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	02/16/62-02/16/62	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/16/62-02/16/62	1	0.079	0.079	0.079	0.079	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CAC03)	02/16/62-02/16/62	1	195.	195.	195.	195.	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CAC03)	02/16/62-02/16/62	1	970.	970.	970.	970.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS CA)	02/16/62-02/16/62	1	214.	214.	214.	214.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	02/16/62-02/16/62	1	106.	106.	106.	106.	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS NA)	02/16/62-02/16/62	1	575.	575.	575.	575.	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	02/16/62-02/16/62	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	02/16/62-02/16/62	1	227.	227.	227.	227.	0.	0.	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	02/16/62-02/16/62	1	1577.	1577.	1577.	1577.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	02/16/62-02/16/62	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SI02)	02/16/62-02/16/62	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	02/16/62-02/16/62	1	1900.	1900.	1900.	1900.	0.	0.	**	**	**	**
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/16/62-02/16/62	1	2875.	2875.	2875.	2875.	0.	0.	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	02/16/62-02/16/62	1	66.	66.	66.	66.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

## EPA Water Quality Criteria Analysis for Station: SAMO0154

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403 PH, LAB	Other-Hi Lim.	9.	1	0	0.00				1	0	0.00						
	Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
	Fresh Acute	860.	1	0	0.00				1	0	0.00						
	Drinking Water	250.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: SAMO0154

Parameter	Std. Type	Std. Value	Total			-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
			Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00946 SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	1	1.00				1	1	1.00						
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00				1	0	0.00						
71851 NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	1	1.00				1	1	1.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0155

NPS Station ID: SAMO0155  
 Location: DRAINAGE D 100 FT N/O IN/21W-28G1  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070103  
 Major Basin: LOS ANGELES AREA  
 Minor Basin: CALLEGUAS-CONEJO CREEKS  
 RF1 Index: 18070103  
 RF3 Index: 18070103000201.32

LAT/LON: 34.143892/-119.085560

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 1.87

Agency: 21CAL-1  
 FIPS State/County: 06111 CALIFORNIA/VENTURA  
 STORET Station ID(s): Z4103660 /4031201  
 Within Park Boundary: No

Date Created: 08/27/76

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 0.00  
 Distance from RF3: 0.01

On/Off RF1:  
 On/Off RF3:

### Description:

SURFACE WATER STATION; DATA MANAGER CODE: 3; AREAL CODE: ; BEGINNING OF RECORD: . ; ELEVATION: 12 ;  
 STATION NAME: DRAINAGE D 100 FT N/O IN/21W-28G1; DWR COUNTY CODE: 56; LATITUDE: 340838; LONGITUDE: 1190508;  
 CALIFORNIA COORDINATES:

## Parameter Inventory for Station: SAMO0155

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061 FLOW, STREAM, INSTANTANEOUS CFS	04/07/53-04/07/53	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/07/53-04/07/53	1	13650.	13650.	13650.	13650.	0.	0.	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	04/07/53-04/07/53	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	04/07/53-04/07/53	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/07/53-04/07/53	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	04/07/53-04/07/53	1	424.	424.	424.	424.	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	04/07/53-04/07/53	1	2623.	2623.	2623.	2623.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	04/07/53-04/07/53	1	401.	401.	401.	401.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	04/07/53-04/07/53	1	394.	394.	394.	394.	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	04/07/53-04/07/53	1	2520.	2520.	2520.	2520.	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	04/07/53-04/07/53	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	04/07/53-04/07/53	1	2060.	2060.	2060.	2060.	0.	0.	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	04/07/53-04/07/53	1	4600.	4600.	4600.	4600.	0.	0.	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/07/53-04/07/53	1	23.6	23.6	23.6	23.6	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

## EPA Water Quality Criteria Analysis for Station: SAMO0155

Parameter	Std. Type	Std. Value	Total			Prop.			-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
			Obs	Exceed Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403 PH, LAB	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00			
	Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00			
	Fresh Acute	860.	1	1	1.00										1	1	1.00			
00941 CHLORIDE, DISSOLVED IN WATER	Drinking Water	250.	1	1	1.00										1	1	1.00			
	Drinking Water	44.	1	0	0.00										1	0	0.00			
71851 NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water																			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0156

NPS Station ID: SAMO0156  
 Location: REVOLON SLU HUENEME RD .55MI E/VO  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070103  
 Major Basin: LOS ANGELES AREA  
 Minor Basin: CALLEGUAS-CONEJO CREEKS  
 RF1 Index: 18070103  
 RF3 Index: 18070103001200.00  
 Description:  
 SURFACE WATER STATION; DATA MANAGER CODE: 3; AREAL CODE: ; BEGINNING OF RECORD: . ; ELEVATION: 17 ;  
 STATION NAME: REVOLON SLU HUENEME RD .55MI E/VO;  
 CALIFORNIA COORDINATES:

LAT/LON: 34.151115/-119.087226

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 4.57

Agency: 21CAL-1  
 FIPS State/County: 06111 CALIFORNIA/VENTURA  
 STORET Station ID(s): Z4103710 /4031142  
 Within Park Boundary: No

Date Created: 08/27/76

Aquifer:  
 Water Body ID:  
 ECO Region:  
 Distance from RF1: 6.60  
 Distance from RF3: 0.02

On/Off RF1:  
 On/Off RF3:

### Parameter Inventory for Station: SAMO0156

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/27/53-01/27/56	2	12.	12.	14.	10.	8.	2.828	**	**	**	**
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/08/52-12/24/71	6	60.	60.167	66.	56.	11.367	3.371	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	01/14/53-12/24/71	8	67.5	88.9	360.	0.2	13747.909	117.251	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/08/52-11/29/70	8	4980.5	5418.875	9010.	626.	8331948.982	2886.512	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	04/08/52-11/29/70	8	7.65	7.625	8.1	7.	0.148	0.385	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	04/08/52-11/29/70	8	7.647	7.471	8.1	7.	0.175	0.418	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/08/52-11/29/70	8	0.023	0.034	0.1	0.008	0.001	0.032	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	04/08/52-11/29/70	8	252.5	269.625	481.	78.	16790.268	129.577	**	**	**	**
00671 PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/29/70-11/29/70	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	04/08/52-11/29/70	8	1375.5	1378.125	2335.	208.	463445.268	680.768	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	04/08/52-11/29/70	8	255.5	267.	448.	54.	14729.429	121.365	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	04/08/52-11/29/70	8	169.5	172.875	327.	18.	9832.411	99.159	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	04/08/52-11/29/70	8	750.5	1035.625	2200.	41.	524960.268	724.541	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	04/08/52-11/29/70	8	4.75	5.925	14.	2.	15.174	3.895	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	04/08/52-11/29/70	8	230.5	373.125	835.	23.	78436.982	280.066	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	01/27/56-11/29/70	4	1712.5	1399.	2006.	165.	697303.333	835.047	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	01/27/56-11/29/70	5	0.5	0.7	1.3	0.4	0.135	0.367	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	02/09/62-11/20/63	2	21.	21.	23.	19.	8.	2.828	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	01/27/56-01/31/67	3	2600.	2366.667	2600.	1900.	163333.333	404.145	**	**	**	**
70299 SOLIDS, SUSP. - RESIDUE ON EVAP. AT 180 C (MG/L)	11/29/70-11/29/70	1	2200.	2200.	2200.	2200.	0.	0.	**	**	**	**
70300 RESIDUE, TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/27/56-11/29/70	4	3139.	2596.5	3683.	425.	2170628.333	1473.305	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/08/52-11/29/70	8	35.	47.763	141.	10.4	1727.823	41.567	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot



### EPA Water Quality Criteria Analysis for Station: SAMO0156

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403 PH, LAB	Other-Hi Lim.	9.	8	0	0.00				7	0	0.00	1	0	0.00			
	Other-Lo Lim.	6.5	8	0	0.00				7	0	0.00	1	0	0.00			
	Fresh Acute	860.	8	0	0.00				7	0	0.00	1	0	0.00			
00941 CHLORIDE, DISSOLVED IN WATER	Drinking Water	250.	8	3	0.38				7	2	0.29	1	1	1.00			
	Drinking Water	250.	4	3	0.75				4	3	0.75						
	Drinking Water	4.	5	0	0.00				5	0	0.00						
00946 SULFATE, DISSOLVED (AS SO4)	Drinking Water																
00950 FLUORIDE, DISSOLVED AS F	Drinking Water																
71851 NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	8	3	0.38				7	3	0.43	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0157

NPS Station ID: SAMO0157  
 Location: CALLEQUAS C 100 FT AB OXN DR 2 D  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070103  
 Major Basin: LOS ANGELES AREA  
 Minor Basin: CALLEGUAS-CONEJO CREEKS  
 RF1 Index: 18070103002  
 RF3 Index: 18070103013400.00  
 Description:  
 SURFACE WATER STATION; DATA MANAGER CODE: 3; AREAL CODE: ; BEGINNING OF RECORD: . ; ELEVATION: 13 ;  
 STATION NAME: CALLEQUAS C 100 FT AB OXN DR 2 D ;  
 CALIFORNIA COORDINATES:

LAT/LON: 34.112781/-119.089448

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.540  
 RF3 Mile Point: 0.00

Agency: 21CAL-1  
 FIPS State/County: 06111 CALIFORNIA/VENTURA  
 STORET Station ID(s): Z4103030 /4031140  
 Within Park Boundary: Yes

Date Created: 08/27/76

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 0.00  
 Distance from RF3: 0.01

On/Off RF1: OFF  
 On/Off RF3:

## Parameter Inventory for Station: SAMO0157

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/12/61-09/12/61	1	72.	72.	72.	72.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/12/61-09/12/61	1	21050.	21050.	21050.	21050.	0.	0.	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	09/12/61-09/12/61	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	09/12/61-09/12/61	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/12/61-09/12/61	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CAC03)	09/12/61-09/12/61	1	228.	228.	228.	228.	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CAC03)	09/12/61-09/12/61	1	3480.	3480.	3480.	3480.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS CA)	09/12/61-09/12/61	1	405.	405.	405.	405.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	09/12/61-09/12/61	1	601.	601.	601.	601.	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS NA)	09/12/61-09/12/61	1	4369.	4369.	4369.	4369.	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	09/12/61-09/12/61	1	168.	168.	168.	168.	0.	0.	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	09/12/61-09/12/61	1	7304.	7304.	7304.	7304.	0.	0.	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	09/12/61-09/12/61	1	2399.	2399.	2399.	2399.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	09/12/61-09/12/61	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SI02)	09/12/61-09/12/61	1	19.	19.	19.	19.	0.	0.	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	09/12/61-09/12/61	1	3500.	3500.	3500.	3500.	0.	0.	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/12/61-09/12/61	1	43.	43.	43.	43.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

## EPA Water Quality Criteria Analysis for Station: SAMO0157

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
00403 PH, LAB	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
	Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00941 CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	1	1.00	1	1	1.00									
	Drinking Water	250.	1	1	1.00	1	1	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### EPA Water Quality Criteria Analysis for Station: SAMO0157

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00946 SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	1	1.00	1	1	1.00									
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
71851 NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0158

NPS Station ID: SAMO0158  
 Location: OXNARD DR 2 AB TGATE A MAIN RD  
 Station Type: /TYP/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070103  
 Major Basin: LOS ANGELES AREA  
 Minor Basin: CALLEGUAS-CONEJO CREEKS  
 RF1 Index: 18070103002  
 RF3 Index: 18070103013900.00  
 Description:  
 SURFACE WATER STATION; DATA MANAGER CODE: 3; AREAL CODE: ; BEGINNING OF RECORD: . ; ELEVATION: 12 ;  
 STATION NAME: OXNARD DR 2 AB TGATE A MAIN RD ; DWR COUNTY CODE: 56; LATITUDE: 340647; LONGITUDE: 1190529;  
 CALIFORNIA COORDINATES:

LAT/LON: 34.113059/-119.091393

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.430  
 RF3 Mile Point: 0.06

Agency: 21CAL-1  
 FIPS State/County: 06111 CALIFORNIA/VENTURA  
 STORET Station ID(s): Z4101110 /4031127  
 Within Park Boundary: No

Date Created: 08/27/76

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 4.70  
 Distance from RF3: 0.21

On/Off RF1: OFF  
 On/Off RF3:

## Parameter Inventory for Station: SAMO0158

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/12/61-09/12/61	1	76.	76.	76.	76.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/12/61-09/12/61	1	5300.	5300.	5300.	5300.	0.	0.	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	09/12/61-09/12/61	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	09/12/61-09/12/61	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/12/61-09/12/61	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	09/12/61-09/12/61	1	281.	281.	281.	281.	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	09/12/61-09/12/61	1	1655.	1655.	1655.	1655.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	09/12/61-09/12/61	1	393.	393.	393.	393.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS Mg)	09/12/61-09/12/61	1	164.	164.	164.	164.	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	09/12/61-09/12/61	1	759.	759.	759.	759.	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	09/12/61-09/12/61	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	09/12/61-09/12/61	1	585.	585.	585.	585.	0.	0.	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	09/12/61-09/12/61	1	2088.	2088.	2088.	2088.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	09/12/61-09/12/61	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	09/12/61-09/12/61	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	09/12/61-09/12/61	1	2900.	2900.	2900.	2900.	0.	0.	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/12/61-09/12/61	1	92.	92.	92.	92.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

## EPA Water Quality Criteria Analysis for Station: SAMO0158

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
00403 PH, LAB	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
	Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00941 CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
	Drinking Water	250.	1	1	1.00	1	1	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: SAMO0158

Parameter	Std. Type	Std. Value	Total		Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
			Obs				Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00946	SULFATE, DISSOLVED (AS SO4)	250.	1		1	1.00	1	1	1.00									
00950	FLUORIDE, DISSOLVED AS F	4.	1		0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	44.	1		1	1.00	1	1	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0159

NPS Station ID: SAMO0159  
 Location: MUGU LAGOON  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070103  
 Major Basin: LOS ANGELES AREA  
 Minor Basin: CALLEGUAS-CONEJO CREEKS  
 RF1 Index: 18070103001  
 RF3 Index: 18070103002500.00  
 Description:

LAT/LON: 34.102782/-119.092781

Depth of Water: 0  
 Elevation: 0  
 RF1 Mile Point: 2.690  
 RF3 Mile Point: 0.29

Agency: 21CAL-1  
 FIPS State/County: 06111 CALIFORNIA/VENTURA  
 STORET Station ID(s): Z4100510 /4031121  
 Within Park Boundary: Yes

Date Created: 08/27/76

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 0.00  
 Distance from RF3: 0.02

On/Off RF1: OFF  
 On/Off RF3:

SURFACE WATER STATION; DATA MANAGER CODE: 3; AREAL CODE: ; BEGINNING OF RECORD: . ; ELEVATION: 0 ;  
 STATION NAME: MUGU LAGOON ; DWR COUNTY CODE: 56; LATITUDE: 340610; LONGITUDE: 1190534;  
 CALIFORNIA COORDINATES:

## Parameter Inventory for Station: SAMO0159

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/07/71-06/07/71	1	64.	64.	64.	64.	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	06/07/71-06/07/71	1	44300.	44300.	44300.	44300.	0.	0.	**	**	**	**
01000 ARSENIC, DISSOLVED (UG/L AS AS)	06/07/71-06/07/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01005 BARIUM, DISSOLVED (UG/L AS BA)	06/07/71-06/07/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01025 CADMIUM, DISSOLVED (UG/L AS CD)	06/07/71-06/07/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01034 CHROMIUM, TOTAL (UG/L AS CR)	06/07/71-06/07/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01040 COPPER, DISSOLVED (UG/L AS CU)	06/07/71-06/07/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01046 IRON, DISSOLVED (UG/L AS FE)	06/07/71-06/07/71	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01049 LEAD, DISSOLVED (UG/L AS PB)	06/07/71-06/07/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01056 MANGANESE, DISSOLVED (UG/L AS MN)	06/07/71-06/07/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01090 ZINC, DISSOLVED (UG/L AS ZN)	06/07/71-06/07/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01145 SELENIUM, DISSOLVED (UG/L AS SE)	06/07/71-06/07/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71900 MERCURY, TOTAL (UG/L AS HG)	06/07/71-06/07/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

## EPA Water Quality Criteria Analysis for Station: SAMO0159

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
01000 ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
	Drinking Water	50.	1	0	0.00	1	0	0.00									
01005 BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00	1	0	0.00									
	Fresh Acute	3.9	1	0	0.00	1	0	0.00									
01025 CADMIUM, DISSOLVED	Drinking Water	5.	1	0	0.00	1	0	0.00									
	Drinking Water	100.	1	0	0.00	1	0	0.00									
01034 CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
	Fresh Acute	18.	1	0	0.00	1	0	0.00									
01040 COPPER, DISSOLVED	Drinking Water	1300.	1	0	0.00	1	0	0.00									
	Drinking Water	1300.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### EPA Water Quality Criteria Analysis for Station: SAMO0159

Parameter		Std. Type	Std. Value	Total			Prop.			-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
				Obs	Exceed	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.		
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00	1	0	0.00												
		Drinking Water	15.	1	0	0.00	1	0	0.00												
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00	1	0	0.00												
		Drinking Water	5000.	1	0	0.00	1	0	0.00												
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00	1	0	0.00												
		Drinking Water	50.	1	0	0.00	1	0	0.00												
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00	1	0	0.00												
		Drinking Water	2.	1	0	0.00	1	0	0.00												

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0160

NPS Station ID: SAMO0160  
 Location: REVOLON SLOUGH AT WOOD RD  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070103  
 Major Basin: LOS ANGELES AREA  
 Minor Basin: CALLEGUAS-CONEJO CREEKS  
 RF1 Index: 18070103  
 RF3 Index: 18070103012400.00  
 Description:  
 SURFACE WATER STATION; DATA MANAGER CODE: 3; AREAL CODE: ; BEGINNING OF RECORD: . ; ELEVATION: 25 ;  
 STATION NAME: REVOLON SLOUGH AT WOOD RD ; DWR COUNTY CODE: 56; LATITUDE: 341013; LONGITUDE: 1190543;  
 CALIFORNIA COORDINATES:

LAT/LON: 34.170281/-119.095282

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 0.63

Agency: 21CAL-1  
 FIPS State/County: 06111 CALIFORNIA/VENTURA  
 STORET Station ID(s): Z4103880 /4031202  
 Within Park Boundary: No

Date Created: 08/27/76

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 8.10  
 Distance from RF3: 0.02

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: SAMO0160

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	02/14/61-02/14/61	1	63.	63.	63.	63.	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	02/14/61-02/14/61	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/14/61-02/14/61	1	9232.	9232.	9232.	9232.	0.	0.	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	02/14/61-02/14/61	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	02/14/61-02/14/61	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/14/61-02/14/61	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	02/14/61-02/14/61	1	262.	262.	262.	262.	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	02/14/61-02/14/61	1	2290.	2290.	2290.	2290.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	02/14/61-02/14/61	1	412.	412.	412.	412.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	02/14/61-02/14/61	1	308.	308.	308.	308.	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	02/14/61-02/14/61	1	1875.	1875.	1875.	1875.	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	02/14/61-02/14/61	1	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	02/14/61-02/14/61	1	413.	413.	413.	413.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	02/14/61-02/14/61	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	02/14/61-02/14/61	1	34.	34.	34.	34.	0.	0.	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	02/14/61-02/14/61	1	4700.	4700.	4700.	4700.	0.	0.	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	02/14/61-02/14/61	1	89.	89.	89.	89.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

## EPA Water Quality Criteria Analysis for Station: SAMO0160

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403 PH, LAB	Other-Hi Lim.	9.	1	0	0.00				1	0	0.00						
	Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00941 CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
	Drinking Water	250.	1	1	1.00				1	1	1.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



EPA Water Quality Criteria Analysis for Station: SAMO0160

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00				1	0	0.00						
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	1	1.00				1	1	1.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0161

NPS Station ID: SAMO0161  
 Location: REVOLON SLOUGH AT WOOD ROAD  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070103  
 Major Basin: CALIFORNIA  
 Minor Basin: SANTA CLARA RIVER  
 RF1 Index: 18070103  
 RF3 Index: 18070103017001.59  
 Description:

LAT/LON: 34.170281/-119.095282

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 2.07

Agency: 21CAL-4  
 FIPS State/County: 06111 CALIFORNIA/VENTURA  
 STORET Station ID(s): WB0441013190543  
 Within Park Boundary: No

Date Created: 06/06/87

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 31.60  
 Distance from RF3: 0.03

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: SAMO0161

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00341 COD, DISSOLVED, .25N K2CR2O7 MG/L	12/11/86-12/11/86	1	38.	38.	38.	38.	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	12/11/86-12/11/86	1	293.	293.	293.	293.	0.	0.	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	12/11/86-12/11/86	1	293.	293.	293.	293.	0.	0.	**	**	**	**
00445 CARBONATE ION (MG/L AS CO3)	12/11/86-12/11/86	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	12/11/86-12/11/86	1	1820.	1820.	1820.	1820.	0.	0.	**	**	**	**
00918 CALCIUM, TOTAL RECOVERABLE IN WATER AS Ca MG/L	12/11/86-12/11/86	1	397.	397.	397.	397.	0.	0.	**	**	**	**
00921 MAGNESIUM, TOTAL RECOVERABLE IN WATER AS MG MG/L	12/11/86-12/11/86	1	201.	201.	201.	201.	0.	0.	**	**	**	**
00923 SODIUM, TOTAL RECOVERABLE IN WATER AS Na MG/L	12/11/86-12/11/86	1	779.	779.	779.	779.	0.	0.	**	**	**	**
00939 POTASSIUM, TOTAL RECOVERABLE IN WATER AS K MG/L	12/11/86-12/11/86	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	12/11/86-12/11/86	1	266.	266.	266.	266.	0.	0.	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	12/11/86-12/11/86	1	2325.	2325.	2325.	2325.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	12/11/86-12/11/86	1	0.91	0.91	0.91	0.91	0.	0.	**	**	**	**
00980 IRON, TOTAL RECOVERABLE IN WATER AS Fe UG/L	12/11/86-12/11/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00999 BORON, TOTAL RECOVERABLE IN WATER AS B UG/L	12/11/86-12/11/86	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01032 CHROMIUM, HEXAVALENT (UG/L AS CR)	12/11/86-12/11/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01123 MANGANESE, TOTAL RECOVERABLE IN WATER AS MN UG/L	12/11/86-12/11/86	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
01291 CYANIDE, FILTERABLE, TOTAL IN WATER UG/L	12/11/86-12/11/86	1	50.	50.	50.	50.	0.	0.	**	**	**	**
32101 BROMODICHLOROMETHANE, WHOLE WATER, UG/L	12/11/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
32102 CARBON TETRACHLORIDE, WHOLE WATER, UG/L	12/11/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
32104 BROMOFORM, WHOLE WATER, UG/L	12/11/86-04/14/87	2 ##	3.325	3.325	6.4	0.25	18.911	4.349	**	**	**	**
32105 DIBROMOCHLOROMETHANE, WHOLE WATER, UG/L	12/11/86-04/14/87	2 ##	0.875	0.875	1.5	0.25	0.781	0.884	**	**	**	**
32106 CHLOROFORM, WHOLE WATER, UG/L	12/11/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34010 TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR. (UG/L)	12/11/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34030 BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR. (UG/L)	12/11/86-04/14/87	2 ##	0.175	0.175	0.25	0.1	0.011	0.106	**	**	**	**
34200 ACENAPHTHYLENE TOTWUG/L	12/11/86-12/11/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34205 ACENAPHTHENE TOTWUG/L	12/11/86-12/11/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34220 ANTHRACENE TOTWUG/L	12/11/86-12/11/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34230 BENZO(B)FLUORANTHENE, WHOLE WATER, UG/L	12/11/86-12/11/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34242 BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	12/11/86-12/11/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34247 BENZO-A-PYRENE TOTWUG/L	12/11/86-12/11/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34259 DELTA BENZENE HEXACHLORIDE TOTWUG/L	12/11/86-12/11/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34273 BIS (2-CHLOROETHYL) ETHER TOTWUG/L	12/11/86-12/11/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34278 BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	12/11/86-12/11/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34283 BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	12/11/86-12/11/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34292 N-BUTYL BENZYL PHTHALATE, WHOLE WATER, UG/L	12/11/86-12/11/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34301 CHLOROBENZENE TOTWUG/L	12/11/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34311 CHLOROETHANE TOTWUG/L	12/11/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34320 CHRYSENE TOTWUG/L	12/11/86-12/11/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

# Parameter Inventory for Station: SAMO0161

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34336	DIETHYL PHTHALATE TOTWUG/L	12/11/86-12/11/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34341	DIMETHYL PHTHALATE TOTWUG/L	12/11/86-12/11/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34351	ENDOSULFAN SULFATE TOTWUG/L	12/11/86-12/11/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34356	ENDOSULFAN, BETA TOTWUG/L	12/11/86-12/11/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34361	ENDOSULFAN, ALPHA TOTWUG/L	12/11/86-12/11/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34366	ENDRIN ALDEHYDE TOTWUG/L	12/11/86-12/11/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	12/11/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34376	FLUORANTHENE TOTWUG/L	12/11/86-12/11/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34381	FLUORENE TOTWUG/L	12/11/86-12/11/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	12/11/86-12/11/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34391	HEXACHLOROBUTADIENE TOTWUG/L	12/11/86-12/11/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34396	HEXACHLOROETHANE TOTWUG/L	12/11/86-12/11/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	12/11/86-12/11/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34408	ISOPHORONE TOTWUG/L	12/11/86-12/11/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34413	METHYL BROMIDE TOTWUG/L	12/11/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34418	METHYL CHLORIDE TOTWUG/L	12/11/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	12/11/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	12/11/86-12/11/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34433	N-NITROSODIPHENYLAMINE TOTWUG/L	12/11/86-12/11/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34447	NITROBENZENE TOTWUG/L	12/11/86-12/11/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34452	PARACHLOROMETA CRESOL TOTWUG/L	12/11/86-12/11/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34461	PHENANTHRENE TOTWUG/L	12/11/86-12/11/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34469	PYRENE TOTWUG/L	12/11/86-12/11/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	12/11/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	12/11/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34496	1,1-DICHLOROETHANE TOTWUG/L	12/11/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34501	1,1-DICHLOROETHYLENE TOTWUG/L	12/11/86-04/14/87	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	12/11/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	12/11/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	12/11/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	12/11/86-12/11/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	12/11/86-12/11/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34531	1,2-DICHLOROETHANE TOTWUG/L	12/11/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34536	1,2-DICHLOROBENZENE TOTWUG/L	04/14/87-04/14/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34541	1,2-DICHLOROPROPANE TOTWUG/L	12/11/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	12/11/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	12/11/86-12/11/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	12/11/86-12/11/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34566	1,3-DICHLOROBENZENE TOTWUG/L	04/14/87-04/14/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34571	1,4-DICHLOROBENZENE TOTWUG/L	04/14/87-04/14/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	12/11/86-04/14/87	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34581	2-CHLORONAPHTHALENE TOTWUG/L	12/11/86-12/11/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34586	2-CHLOROPHENOL TOTWUG/L	12/11/86-12/11/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34591	2-NITROPHENOL TOTWUG/L	12/11/86-12/11/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34596	DI-N-OCTYL PHTHALATE TOTWUG/L	12/11/86-12/11/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34601	2,4-DICHLOROPHENOL TOTWUG/L	12/11/86-12/11/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34606	2,4-DIMETHYLPHENOL TOTWUG/L	12/11/86-12/11/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34611	2,4-DINITROTOLUENE TOTWUG/L	12/11/86-12/11/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34616	2,4-DINITROPHENOL TOTWUG/L	12/11/86-12/11/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	12/11/86-12/11/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34626	2,6-DINITROTOLUENE TOTWUG/L	12/11/86-12/11/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	12/11/86-12/11/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	12/11/86-12/11/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	12/11/86-12/11/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34646	4-NITROPHENOL TOTWUG/L	12/11/86-12/11/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	12/11/86-12/11/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34668	DICHLORODIFUOROMETHANE TOTWUG/L	12/11/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34671	PCB - 1016 TOTWUG/L	12/11/86-12/11/86	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	12/11/86-12/11/86	2 ##	5.25	5.25	10.	0.5	45.125	6.718	**	**	**	**
34696	NAPHTHALENE TOTWUG/L	12/11/86-12/11/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	12/11/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	12/11/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	12/11/86-12/11/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: SAMO0161

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39100 BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	12/11/86-12/11/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39110 DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	12/11/86-12/11/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39120 BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	12/11/86-12/11/86	1 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
39175 VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	12/11/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39180 TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	12/11/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39300 P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	12/11/86-12/11/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39310 P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	12/11/86-12/11/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39320 P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	12/11/86-12/11/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39330 ALDRIN IN WHOLE WATER SAMPLE (UG/L)	12/11/86-12/11/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39337 ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	12/11/86-12/11/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39338 BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	12/11/86-12/11/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39340 GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	12/11/86-12/11/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39370 DDT IN WHOLE WATER SAMPLE (UG/L)	12/11/86-12/11/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39380 DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	12/11/86-12/11/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39390 ENDRIN IN WHOLE WATER SAMPLE (UG/L)	12/11/86-12/11/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39410 HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	12/11/86-12/11/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39420 HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	12/11/86-12/11/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39488 PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	12/11/86-12/11/86	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
39492 PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	12/11/86-12/11/86	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
39496 PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	12/11/86-12/11/86	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
39500 PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	12/11/86-12/11/86	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
39504 PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	12/11/86-12/11/86	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
39508 PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	12/11/86-12/11/86	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
39700 HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	12/11/86-12/11/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39740 2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	12/11/86-12/11/86	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
70304 SOLIDS, TOTAL DISSOLVED-COND. METER (MG/L)	12/11/86-12/11/86	1	4306.	4306.	4306.	4306.	0.	0.	**	**	**	**
70311 PH, CACO3 STABILITY (STANDARD UNITS)	12/11/86-12/11/86	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
70311 CONVERTED PH, CACO3 STABILITY (STANDARD UNITS)	12/11/86-12/11/86	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
70311 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/11/86-12/11/86	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
71830 HYDROXIDE ION (MG/L AS OH)	12/11/86-12/11/86	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	12/11/86-12/11/86	1	160.	160.	160.	160.	0.	0.	**	**	**	**
77093 CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	12/11/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
77128 STYRENE WHOLE WATER,UG/L	12/11/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
77651 1,2-DIBROMOETHANE WHOLE WATER,UG/L	04/14/87-04/14/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
81595 METHYL ETHYL KETONE WHL WATER SMPL UG/L	12/11/86-04/14/87	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
81596 METHYL-ISOBUTYL KETONE WHL WATER SMPL UG/L	12/11/86-04/14/87	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
81710 M-XYLENE IN THE WHOLE WATER SAMPLE MG/L	12/11/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
81711 O-XYLENE IN THE WHOLE WATER SAMPLE MG/L	12/11/86-04/14/87	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0161

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----		-----11/01-2/29-----		-----3/01-5/31-----		-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00940 CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00			
	Drinking Water	250.	1	1	1.00				1	1	1.00			
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	1	1.00				1	1	1.00			
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00				1	0	0.00			
01032 CHROMIUM, HEXAVALENT	Fresh Acute	16.	1	0	0.00				1	0	0.00			
	Drinking Water	100.	1	0	0.00				1	0	0.00			
01291 CYANIDE, FILTERABLE, TOTAL IN WATER	Fresh Acute	22.	1	1	1.00				1	1	1.00			
	Drinking Water	200.	1	0	0.00				1	0	0.00			
32101 BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	2	0	0.00				1	0	0.00	1	0	0.00
32102 CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	2	0	0.00				1	0	0.00	1	0	0.00
	Drinking Water	5.	2	0	0.00				1	0	0.00	1	0	0.00
32104 BROMOFORM, WHOLE WATER	Drinking Water	100.	2	0	0.00				1	0	0.00	1	0	0.00
32105 DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	2	0	0.00				1	0	0.00	1	0	0.00
32106 CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	2	0	0.00				1	0	0.00	1	0	0.00
	Drinking Water	100.	2	0	0.00				1	0	0.00	1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

# EPA Water Quality Criteria Analysis for Station: SAMO0161

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
34010 TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	1000.	2	0	0.00				1	0	0.00	1	0	0.00			
34205 ACENAPHTHENE, TOTAL	Fresh Acute	1700.	1	0	0.00				1	0	0.00						
34301 CHLOROBENZENE, TOTAL	Drinking Water	100.	2	0	0.00				1	0	0.00	1	0	0.00			
34356 ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	0 &	0	0.00												
34361 ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	0 &	0	0.00												
34371 ETHYLBENZENE, TOTAL	Fresh Acute	32000.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	700.	2	0	0.00				1	0	0.00	1	0	0.00			
34376 FLUORANTHENE, TOTAL	Fresh Acute	3980.	1	0	0.00				1	0	0.00						
34386 HEXACHLOROCYCLOPENTADIENE	Fresh Acute	7.	1	0	0.00				1	0	0.00						
34386 HEXACHLOROCYCLOPENTADIENE, TOTAL	Drinking Water	50.	1	0	0.00				1	0	0.00						
34391 HEXACHLOROBUTADIENE, TOTAL	Fresh Acute	90.	1	0	0.00				1	0	0.00						
34396 HEXACHLOROETHANE, TOTAL	Fresh Acute	980.	1	0	0.00				1	0	0.00						
34403 IDENO (1,2,3-CD) PYRENE	Drinking Water	0.4	0 &	0	0.00												
34408 ISOPHORONE, TOTAL	Fresh Acute	117000.	1	0	0.00				1	0	0.00						
34423 METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	2	0	0.00				1	0	0.00	1	0	0.00			
34447 NITROBENZENE, TOTAL	Fresh Acute	27000.	1	0	0.00				1	0	0.00						
34452 PARACHLOROMETA CRESOL, TOTAL	Fresh Acute	30.	1	0	0.00				1	0	0.00						
34461 PHENANTHRENE, TOTAL	Fresh Acute	30.	1	0	0.00				1	0	0.00						
34475 TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	5.	2	0	0.00				1	0	0.00	1	0	0.00			
34501 1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	2	0	0.00				1	0	0.00	1	0	0.00			
34506 1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	2	0	0.00				1	0	0.00	1	0	0.00			
34511 1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	2	0	0.00				1	0	0.00	1	0	0.00			
34531 1,2-DICHLOROETHANE, TOTAL	Fresh Acute	118000.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	5.	2	0	0.00				1	0	0.00	1	0	0.00			
34536 1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00							1	0	0.00			
34541 1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	2	0	0.00				1	0	0.00	1	0	0.00			
34546 TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	2	0	0.00				1	0	0.00	1	0	0.00			
34551 1,2,4-TRICHLOROBENZENE, TOTAL	Drinking Water	70.	1	0	0.00				1	0	0.00						
34566 1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00							1	0	0.00			
34571 1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	1	0	0.00							1	0	0.00			
34586 2-CHLOROPHENOL, TOTAL	Fresh Acute	4380.	1	0	0.00				1	0	0.00						
34601 2,4-DICHLOROPHENOL, TOTAL	Fresh Acute	2020.	1	0	0.00				1	0	0.00						
34606 2,4-DIMETHYLPHENOL, TOTAL	Fresh Acute	2120.	1	0	0.00				1	0	0.00						
34611 2,4-DINITROTOLUENE, TOTAL	Fresh Acute	330.	1	0	0.00				1	0	0.00						
34694 PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	Fresh Acute	10200.	2	0	0.00				2	0	0.00						
34696 NAPHTHALENE, TOTAL	Fresh Acute	2300.	1	0	0.00				1	0	0.00						
39032 PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	1	0	0.00				1	0	0.00						
	Drinking Water	1.	0 &	0	0.00												
39100 BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	Fresh Acute	2000.	1	0	0.00				1	0	0.00						
	Drinking Water	6.	1	0	0.00				1	0	0.00						
39175 VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	2	0	0.00				1	0	0.00	1	0	0.00			
39180 TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	5.	2	0	0.00				1	0	0.00	1	0	0.00			
39300 P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	1	0	0.00				1	0	0.00						
39310 P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	0 &	0	0.00												
39320 P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	1	0	0.00				1	0	0.00						
39330 ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	1	0	0.00				1	0	0.00						
39340 GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	1	0	0.00				1	0	0.00						
	Drinking Water	0.2	0 &	0	0.00												
39370 DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	1	0	0.00				1	0	0.00						
39380 DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	1	0	0.00				1	0	0.00						
39390 ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	0 &	0	0.00												
	Drinking Water	2.	1	0	0.00				1	0	0.00						
39410 HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	0 &	0	0.00												
	Drinking Water	0.4	0 &	0	0.00												
39420 HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	0 &	0	0.00												
	Drinking Water	0.2	0 &	0	0.00												

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### EPA Water Quality Criteria Analysis for Station: SAMO0161

Parameter	Std. Type	Std. Value	Total		Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
			Obs	Exceed Standard		Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Drinking Water	1.	0 &	0	0.00											
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	1	0	0.00			1	0	0.00						
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	1	1.00			1	1	1.00						
77093	CIS-1,2-DICHLOROETHYLENE, WHOLE WATER	Drinking Water	70.	2	0	0.00			1	0	0.00	1	0	0.00			
77128	STYRENE, WHOLE WATER	Drinking Water	100.	2	0	0.00			1	0	0.00	1	0	0.00			
77651	1,2-DIBROMOETHANE, WHOLE WATER	Drinking Water	0.05	0 &	0	0.00											

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## Station Inventory for Station: SAMO0162

NPS Station ID: SAMO0162  
 Location: REVOLON SLOUGH AT LAGUNA RD  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070103  
 Major Basin: LOS ANGELES AREA  
 Minor Basin: CALLEGUAS-CONEJO CREEKS  
 RF1 Index: 18070103  
 RF3 Index: 18070103011900.00

LAT/LON: 34.176392/-119.098893

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 1.28

Agency: 21CAL-1  
 FIPS State/County: 06111 CALIFORNIA/VENTURA  
 STORET Station ID(s): Z4103890 /4031143  
 Within Park Boundary: No

Date Created: 08/27/76

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 18.00  
 Distance from RF3: 0.09

On/Off RF1:  
 On/Off RF3:

Description:  
 SURFACE WATER STATION; DATA MANAGER CODE: 3; AREAL CODE: ; BEGINNING OF RECORD: . ; ELEVATION: 28 ;  
 STATION NAME: REVOLON SLOUGH AT LAGUNA RD ; DWR COUNTY CODE: 56; LATITUDE: 341035; LONGITUDE: 1190556;  
 CALIFORNIA COORDINATES:

## Parameter Inventory for Station: SAMO0162

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/08/52-04/08/52	1	65.	65.	65.	65.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/08/52-04/08/52	1	10990.	10990.	10990.	10990.	0.	0.	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	04/08/52-04/08/52	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	04/08/52-04/08/52	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/08/52-04/08/52	1	0.079	0.079	0.079	0.079	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	04/08/52-04/08/52	1	566.	566.	566.	566.	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	04/08/52-04/08/52	1	2748.	2748.	2748.	2748.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	04/08/52-04/08/52	1	392.	392.	392.	392.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS Mg)	04/08/52-04/08/52	1	430.	430.	430.	430.	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	04/08/52-04/08/52	1	2700.	2700.	2700.	2700.	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	04/08/52-04/08/52	1	9.5	9.5	9.5	9.5	0.	0.	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	04/08/52-04/08/52	1	910.	910.	910.	910.	0.	0.	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/08/52-04/08/52	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

## EPA Water Quality Criteria Analysis for Station: SAMO0162

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
00403 PH, LAB	Other-Hi Lim.	9.	1	0	0.00	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
	Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00941 CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	1	1.00							1	1	1.00			
	Drinking Water	250.	1	1	1.00							1	1	1.00			
71851 NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0163

NPS Station ID: SAMO0163	LAT/LON: 34.101949/-119.102226	Agency: 21CAL-1	Date Created: 08/27/76
Location: UP MUGU LAGOON AB MN RD AB TGAGE		FIPS State/County: 06111 CALIFORNIA/VENTURA	
Station Type: /TYPA/AMBNT/STREAM		STORET Station ID(s): Z4100550 /4031122	
RMI-Indexes:		Within Park Boundary: No	
RMI-Miles:			
HUC:	Depth of Water: 0	Aquifer:	
Major Basin: LOS ANGELES AREA	Elevation: 0	Water Body Id:	
Minor Basin: CALLEGUAS-CONEJO CREEKS		ECO Region:	
RF1 Index:	RF1 Mile Point: 0.000	Distance from RF1: 0.00	On/Off RF1:
RF3 Index: 18070103000200.72	RF3 Mile Point: 0.72	Distance from RF3: 0.15	On/Off RF3:
Description:			
SURFACE WATER STATION; DATA MANAGER CODE: 3; AREAL CODE: ; BEGINNING OF RECORD: . ; ELEVATION: 14 ;			
STATION NAME: UP MUGU LAGOON AB MN RD AB TGAGE ; DWR COUNTY CODE: 56; LATITUDE: 340607; LONGITUDE: 1190608;			
CALIFORNIA COORDINATES:			

### Parameter Inventory for Station: SAMO0163

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/12/61-09/12/61	1	72.	72.	72.	72.	0.	0.	**	**	**	**
00065 STAGE, STREAM (FEET)	09/12/61-09/12/61	1	3.6	3.6	3.6	3.6	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/12/61-09/12/61	1	43500.	43500.	43500.	43500.	0.	0.	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	09/12/61-09/12/61	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	09/12/61-09/12/61	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/12/61-09/12/61	1	0.079	0.079	0.079	0.079	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	09/12/61-09/12/61	1	120.	120.	120.	120.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	09/12/61-09/12/61	1	421.	421.	421.	421.	0.	0.	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	09/12/61-09/12/61	1	19501.	19501.	19501.	19501.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	09/12/61-09/12/61	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	09/12/61-09/12/61	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	09/12/61-09/12/61	1	5000.	5000.	5000.	5000.	0.	0.	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/12/61-09/12/61	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0163

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
00403 PH, LAB	Other-Hi Lim.	9.	1	0	0.00	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
	Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00	1	0	0.00						
00941 CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	1	1.00	1	1	1.00									
	Drinking Water	250.	1	1	1.00	1	1	1.00									
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



## Station Inventory for Station: SAMO0164

NPS Station ID: SAMO0164 Location: REVOLON SLU A PLEASANT VLY RD Station Type: /TYPA/AMBNT/STREAM RMI-Indexes: RMI-Miles: HUC: 18070103 Major Basin: LOS ANGELES AREA Minor Basin: CALLEGUAS-CONEJO CREEKS RF1 Index: 18070103 RF3 Index: 18070103011900.00 Description: SURFACE WATER STATION; DATA MANAGER CODE: 3; AREAL CODE: ; BEGINNING OF RECORD: . ; ELEVATION: 38 ; STATION NAME: REVOLON SLU A PLEASANT VLY RD ; DWR COUNTY CODE: 56; LATITUDE: 341135; LONGITUDE: 1190625; CALIFORNIA COORDINATES:	LAT/LON: 34.193059/-119.106949           Depth of Water: 0 Elevation: 0   RF1 Mile Point: 0.000 RF3 Mile Point: 4.16	Agency: 21CAL-1 FIPS State/County: 06111 CALIFORNIA/VENTURA STORET Station ID(s): Z4103910 /4031144 Within Park Boundary: No   Aquifer: Water Body Id: ECO Region: Distance from RF1: 22.10 Distance from RF3: 0.02
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Date Created: 08/27/76

On/Off RF1:  
On/Off RF3:

### Parameter Inventory for Station: SAMO0164

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	02/14/61-02/14/61	1	68.	68.	68.	68.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/14/61-02/14/61	1	4149.	4149.	4149.	4149.	0.	0.	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	02/14/61-02/14/61	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	02/14/61-02/14/61	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/14/61-02/14/61	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CAC03)	02/14/61-02/14/61	1	196.	196.	196.	196.	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CAC03)	02/14/61-02/14/61	1	1363.	1363.	1363.	1363.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS CA)	02/14/61-02/14/61	1	234.	234.	234.	234.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	02/14/61-02/14/61	1	189.	189.	189.	189.	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS NA)	02/14/61-02/14/61	1	612.	612.	612.	612.	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	02/14/61-02/14/61	1	5.6	5.6	5.6	5.6	0.	0.	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	02/14/61-02/14/61	1	168.	168.	168.	168.	0.	0.	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	02/14/61-02/14/61	1	2147.	2147.	2147.	2147.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	02/14/61-02/14/61	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SI02)	02/14/61-02/14/61	1	15.	15.	15.	15.	0.	0.	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	02/14/61-02/14/61	1	2100.	2100.	2100.	2100.	0.	0.	**	**	**	**
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/14/61-02/14/61	1	3854.	3854.	3854.	3854.	0.	0.	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	02/14/61-02/14/61	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0164

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403 PH, LAB	Other-Hi Lim.	9.	1	0	0.00				1	0	0.00						
	Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00941 CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
	Drinking Water	250.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### EPA Water Quality Criteria Analysis for Station: SAMO0164

Parameter	Std. Type	Std. Value	Total		Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
			Obs	Exceed Standard		Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00946 SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	1	1.00				1	1	1.00						
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00				1	0	0.00						
71851 NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0165

NPS Station ID: SAMO0165  
 Location: REVOLON SLOUGH AT EAST FIFTH ST.  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070103  
 Major Basin: CALIFORNIA  
 Minor Basin: SANTA CLARA RIVER  
 RF1 Index: 18070103  
 RF3 Index: 18070103011900.00  
 Description:

LAT/LON: 34.196670/-119.108892

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 1.28

Agency: 21CAL-4  
 FIPS State/County: 06111 CALIFORNIA/VENTURA  
 STORET Station ID(s): WB0441148190632  
 Within Park Boundary: No

Date Created: 06/06/87

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 18.00  
 Distance from RF3: 0.09

On/Off RF1:  
 On/Off RF3:

### Parameter Inventory for Station: SAMO0165

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	04/14/87-04/14/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	04/14/87-04/14/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
32104	BROMOFORM,WHOLE WATER,UG/L	04/14/87-04/14/87	1	12.	12.	12.	12.	0.	0.	**	**	**
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	04/14/87-04/14/87	1	3.2	3.2	3.2	3.2	0.	0.	**	**	**
32106	CHLOROFORM,WHOLE WATER,UG/L	04/14/87-04/14/87	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	04/14/87-04/14/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	04/14/87-04/14/87	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**
34301	CHLOROBENZENE TOTWUG/L	04/14/87-04/14/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34311	CHLOROETHANE TOTWUG/L	04/14/87-04/14/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34371	ETHYLBENZENE TOTWUG/L	04/14/87-04/14/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34413	METHYL BROMIDE TOTWUG/L	04/14/87-04/14/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34418	METHYL CHLORIDE TOTWUG/L	04/14/87-04/14/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	04/14/87-04/14/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	04/14/87-04/14/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	04/14/87-04/14/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34496	1,1-DICHLOROETHANE TOTWUG/L	04/14/87-04/14/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34501	1,1-DICHLOROETHYLENE TOTWUG/L	04/14/87-04/14/87	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	04/14/87-04/14/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	04/14/87-04/14/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	04/14/87-04/14/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34531	1,2-DICHLOROETHANE TOTWUG/L	04/14/87-04/14/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34536	1,2-DICHLOROBENZENE TOTWUG/L	04/14/87-04/14/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34541	1,2-DICHLOROPROPANE TOTWUG/L	04/14/87-04/14/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	04/14/87-04/14/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34566	1,3-DICHLOROBENZENE TOTWUG/L	04/14/87-04/14/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34571	1,4-DICHLOROBENZENE TOTWUG/L	04/14/87-04/14/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	04/14/87-04/14/87	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
34668	DICHLORODIFLUOROMETHANE TOTWUG/L	04/14/87-04/14/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	04/14/87-04/14/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	04/14/87-04/14/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	04/14/87-04/14/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	04/14/87-04/14/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	04/14/87-04/14/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
77128	STYRENE WHOLE WATER,UG/L	04/14/87-04/14/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	04/14/87-04/14/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	04/14/87-04/14/87	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
81596	METHYL-ISOBUTYL KETONE WHL WATER SMPL UG/L	04/14/87-04/14/87	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
81710	M-XYLENE IN THE WHOLE WATER SAMPLE MG/L	04/14/87-04/14/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: SAMO0165

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
81711 O-XYLENE IN THE WHOLE WATER SAMPLE MG/L	04/14/87-04/14/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0165

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
32101 BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00							1	0	0.00			
32102 CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	1	0	0.00							1	0	0.00			
	Drinking Water	5.	1	0	0.00							1	0	0.00			
32104 BROMOFORM, WHOLE WATER	Drinking Water	100.	1	0	0.00							1	0	0.00			
32105 DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00							1	0	0.00			
32106 CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	1	0	0.00							1	0	0.00			
	Drinking Water	100.	1	0	0.00							1	0	0.00			
34010 TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	1	0	0.00							1	0	0.00			
	Drinking Water	1000.	1	0	0.00							1	0	0.00			
34301 CHLOROBENZENE, TOTAL	Drinking Water	100.	1	0	0.00							1	0	0.00			
34371 ETHYLBENZENE, TOTAL	Fresh Acute	32000.	1	0	0.00							1	0	0.00			
	Drinking Water	700.	1	0	0.00							1	0	0.00			
34423 METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	1	0	0.00							1	0	0.00			
34475 TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	1	0	0.00							1	0	0.00			
	Drinking Water	5.	1	0	0.00							1	0	0.00			
34501 1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	1	0	0.00							1	0	0.00			
34506 1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	1	0	0.00							1	0	0.00			
34511 1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	1	0	0.00							1	0	0.00			
34531 1,2-DICHLOROETHANE, TOTAL	Fresh Acute	118000.	1	0	0.00							1	0	0.00			
	Drinking Water	5.	1	0	0.00							1	0	0.00			
34536 1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00							1	0	0.00			
34541 1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	1	0	0.00							1	0	0.00			
34546 TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	1	0	0.00							1	0	0.00			
34566 1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00							1	0	0.00			
34571 1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	1	0	0.00							1	0	0.00			
39175 VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	1	0	0.00							1	0	0.00			
39180 TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	1	0	0.00							1	0	0.00			
	Drinking Water	5.	1	0	0.00							1	0	0.00			
77093 CIS-1,2-DICHLOROETHYLENE, WHOLE WATER	Drinking Water	70.	1	0	0.00							1	0	0.00			
77128 STYRENE, WHOLE WATER	Drinking Water	100.	1	0	0.00							1	0	0.00			
77651 1,2-DIBROMOETHANE, WHOLE WATER	Drinking Water	0.05	0 &	0	0.00												

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0166

NPS Station ID: SAMO0166  
 Location: CAMARILLO AIRPORT CHANNEL @ INLET TO REVOLON SL.  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070103  
 Major Basin: CALIFORNIA  
 Minor Basin: SANTA CLARA RIVER  
 RF1 Index: 18070103  
 RF3 Index: 18070103000301.19  
 Description:

LAT/LON: 34.207226/-119.110004

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 1.18

Agency: 21CAL-4  
 FIPS State/County: 06111 CALIFORNIA/VENTURA  
 STORET Station ID(s): WB0441226190636  
 Within Park Boundary: No

Date Created: 08/29/87

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 0.20  
 Distance from RF3: 0.02

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: SAMO0166

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
32104	BROMOFORM,WHOLE WATER,UG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
32106	CHLOROFORM,WHOLE WATER,UG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	06/17/87-06/17/87	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**
34301	CHLOROBENZENE TOTWUG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34311	CHLOROETHANE TOTWUG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34371	ETHYLBENZENE TOTWUG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34413	METHYL BROMIDE TOTWUG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34418	METHYL CHLORIDE TOTWUG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34496	1,1-DICHLOROETHANE TOTWUG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34501	1,1-DICHLOROETHYLENE TOTWUG/L	06/17/87-06/17/87	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34531	1,2-DICHLOROETHANE TOTWUG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34536	1,2-DICHLOROBENZENE TOTWUG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34541	1,2-DICHLOROPROPANE TOTWUG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34566	1,3-DICHLOROBENZENE TOTWUG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34571	1,4-DICHLOROBENZENE TOTWUG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	06/17/87-06/17/87	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
34668	DICHLORODIFLUOROMETHANE TOTWUG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
77128	STYRENE WHOLE WATER,UG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	06/17/87-06/17/87	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
81596	METHYL-ISOBUTYL KETONE WHL WATER SMPL UG/L	06/17/87-06/17/87	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
81710	M-XYLENE IN THE WHOLE WATER SAMPLE MG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: SAMO0166

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
81711 O-XYLENE IN THE WHOLE WATER SAMPLE MG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0166

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
32101 BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32102 CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	1	0	0.00	1	0	0.00									
	Drinking Water	5.	1	0	0.00	1	0	0.00									
32104 BROMOFORM, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32105 DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32106 CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	1	0	0.00	1	0	0.00									
	Drinking Water	100.	1	0	0.00	1	0	0.00									
34010 TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	1	0	0.00	1	0	0.00									
	Drinking Water	1000.	1	0	0.00	1	0	0.00									
34301 CHLOROBENZENE, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
34371 ETHYLBENZENE, TOTAL	Fresh Acute	32000.	1	0	0.00	1	0	0.00									
	Drinking Water	700.	1	0	0.00	1	0	0.00									
34423 METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	1	0	0.00	1	0	0.00									
34475 TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	1	0	0.00	1	0	0.00									
	Drinking Water	5.	1	0	0.00	1	0	0.00									
34501 1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	1	0	0.00	1	0	0.00									
34506 1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	1	0	0.00	1	0	0.00									
34511 1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	1	0	0.00	1	0	0.00									
34531 1,2-DICHLOROETHANE, TOTAL	Fresh Acute	118000.	1	0	0.00	1	0	0.00									
	Drinking Water	5.	1	0	0.00	1	0	0.00									
34536 1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00	1	0	0.00									
34541 1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	1	0	0.00	1	0	0.00									
34546 TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	1	0	0.00	1	0	0.00									
34566 1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00	1	0	0.00									
34571 1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	1	0	0.00	1	0	0.00									
39175 VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	1	0	0.00	1	0	0.00									
39180 TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	1	0	0.00	1	0	0.00									
	Drinking Water	5.	1	0	0.00	1	0	0.00									
77093 CIS-1,2-DICHLOROETHYLENE, WHOLE WATER	Drinking Water	70.	1	0	0.00	1	0	0.00									
77128 STYRENE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
77651 1,2-DIBROMOETHANE, WHOLE WATER	Drinking Water	0.05	0 &	0	0.00												

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0167

NPS Station ID: SAMO0167  
 Location: REVOLON SLOUGH @ START OF LINED CHANNEL  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070103  
 Major Basin: CALIFORNIA  
 Minor Basin: SANTA CLARA RIVER  
 RF1 Index: 18070103  
 RF3 Index: 18070103009700.00  
 Description:

LAT/LON: 34.223615/-119.116671

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 9.38

Agency: 21CAL-4  
 FIPS State/County: 06111 CALIFORNIA/VENTURA  
 STORET Station ID(s): WB0441325190700  
 Within Park Boundary: No

Date Created: 08/29/87

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 0.00  
 Distance from RF3: 0.02

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: SAMO0167

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
32104	BROMOFORM,WHOLE WATER,UG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
32106	CHLOROFORM,WHOLE WATER,UG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	06/17/87-06/17/87	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**
34301	CHLOROBENZENE TOTWUG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34311	CHLOROETHANE TOTWUG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34371	ETHYLBENZENE TOTWUG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34413	METHYL BROMIDE TOTWUG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34418	METHYL CHLORIDE TOTWUG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34496	1,1-DICHLOROETHANE TOTWUG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34501	1,1-DICHLOROETHYLENE TOTWUG/L	06/17/87-06/17/87	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34531	1,2-DICHLOROETHANE TOTWUG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34536	1,2-DICHLOROBENZENE TOTWUG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34541	1,2-DICHLOROPROPANE TOTWUG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34566	1,3-DICHLOROBENZENE TOTWUG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34571	1,4-DICHLOROBENZENE TOTWUG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	06/17/87-06/17/87	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
34668	DICHLORODIFLUOROMETHANE TOTWUG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
77128	STYRENE WHOLE WATER,UG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	06/17/87-06/17/87	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
81596	METHYL-ISOBUTYL KETONE WHL WATER SMPL UG/L	06/17/87-06/17/87	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
81710	M-XYLENE IN THE WHOLE WATER SAMPLE MG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: SAMO0167

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
81711 O-XYLENE IN THE WHOLE WATER SAMPLE MG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0167

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
32101 BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32102 CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	1	0	0.00	1	0	0.00									
	Drinking Water	5.	1	0	0.00	1	0	0.00									
32104 BROMOFORM, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32105 DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32106 CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	1	0	0.00	1	0	0.00									
	Drinking Water	100.	1	0	0.00	1	0	0.00									
34010 TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	1	0	0.00	1	0	0.00									
	Drinking Water	1000.	1	0	0.00	1	0	0.00									
34301 CHLOROBENZENE, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
34371 ETHYLBENZENE, TOTAL	Fresh Acute	32000.	1	0	0.00	1	0	0.00									
	Drinking Water	700.	1	0	0.00	1	0	0.00									
34423 METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	1	0	0.00	1	0	0.00									
34475 TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	1	0	0.00	1	0	0.00									
	Drinking Water	5.	1	0	0.00	1	0	0.00									
34501 1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	1	0	0.00	1	0	0.00									
34506 1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	1	0	0.00	1	0	0.00									
34511 1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	1	0	0.00	1	0	0.00									
34531 1,2-DICHLOROETHANE, TOTAL	Fresh Acute	118000.	1	0	0.00	1	0	0.00									
	Drinking Water	5.	1	0	0.00	1	0	0.00									
34536 1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00	1	0	0.00									
34541 1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	1	0	0.00	1	0	0.00									
34546 TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	1	0	0.00	1	0	0.00									
34566 1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00	1	0	0.00									
34571 1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	1	0	0.00	1	0	0.00									
39175 VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	1	0	0.00	1	0	0.00									
39180 TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	1	0	0.00	1	0	0.00									
	Drinking Water	5.	1	0	0.00	1	0	0.00									
77093 CIS-1,2-DICHLOROETHYLENE, WHOLE WATER	Drinking Water	70.	1	0	0.00	1	0	0.00									
77128 STYRENE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
77651 1,2-DIBROMOETHANE, WHOLE WATER	Drinking Water	0.05	0 &	0	0.00												

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



## Station Inventory for Station: SAMO0168

NPS Station ID: SAMO0168  
 Location: OXNARD DR 2 100FT S/ETTING RD  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070103  
 Major Basin: LOS ANGELES AREA  
 Minor Basin: CALLEGUAS-CONEJO CREEKS  
 RF1 Index: 18070103  
 RF3 Index: 18070103013400.00  
 Description:  
 SURFACE WATER STATION; DATA MANAGER CODE: 3; AREAL CODE: ; BEGINNING OF RECORD: . ; ELEVATION: 22 ;  
 STATION NAME: OXNARD DR 2 100FT S/ETTING RD ; DWR COUNTY CODE: 56; LATITUDE: 340941; LONGITUDE: 1190703;  
 CALIFORNIA COORDINATES:

LAT/LON: 34.161392/-119.117504

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 5.37

Agency: 21CAL-1  
 FIPS State/County: 06111 CALIFORNIA/VENTURA  
 STORET Station ID(s): Z4101990 /4031133  
 Within Park Boundary: No

Date Created: 08/27/76

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 30.70  
 Distance from RF3: 0.37

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: SAMO0168

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/03/61-03/03/61	1	3550.	3550.	3550.	3550.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/03/61-03/03/61	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/03/61-03/03/61	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/03/61-03/03/61	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/03/61-03/03/61	1	155.	155.	155.	155.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	03/03/61-03/03/61	1	1588.	1588.	1588.	1588.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	03/03/61-03/03/61	1	432.	432.	432.	432.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/03/61-03/03/61	1	124.	124.	124.	124.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	03/03/61-03/03/61	1	298.	298.	298.	298.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/03/61-03/03/61	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/03/61-03/03/61	1	266.	266.	266.	266.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/03/61-03/03/61	1	1606.	1606.	1606.	1606.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/03/61-03/03/61	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	03/03/61-03/03/61	1	24.	24.	24.	24.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	03/03/61-03/03/61	1	1900.	1900.	1900.	1900.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/03/61-03/03/61	1	3176.	3176.	3176.	3176.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	03/03/61-03/03/61	1	98.	98.	98.	98.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

## EPA Water Quality Criteria Analysis for Station: SAMO0168

			Total	Exceed	Prop.	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----			
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	1	1.00							1	1	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: SAMO0168

Parameter	Std. Type	Std. Value	Total	Exceed	Prop.	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
			Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00946	SULFATE, DISSOLVED (AS SO4)	250.	1	1	1.00							1	1	1.00			
00950	FLUORIDE, DISSOLVED AS F	4.	1	0	0.00							1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	44.	1	1	1.00							1	1	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0169

NPS Station ID: SAMO0169  
 Location: OXNARD DR 2 HUENEME RD .3MI W/FWY  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070103  
 Major Basin: LOS ANGELES AREA  
 Minor Basin: CALLEGUAS-CONEJO CREEKS  
 RF1 Index: 18070103  
 RF3 Index: 18070103013400.00  
 Description:  
 SURFACE WATER STATION; DATA MANAGER CODE: 3; AREAL CODE: ; BEGINNING OF RECORD: . ; ELEVATION: 17 ;  
 STATION NAME: OXNARD DR 2 HUENEME RD .3MI W/FWY;  
 CALIFORNIA COORDINATES:

LAT/LON: 34.146948/-119.117504

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 6.36

Agency: 21CAL-1  
 FIPS State/County: 06111 CALIFORNIA/VENTURA  
 STORET Station ID(s): Z4101770 /4031130  
 Within Park Boundary: No

Date Created: 08/27/76

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 26.10  
 Distance from RF3: 0.08

On/Off RF1:  
 On/Off RF3:

### Parameter Inventory for Station: SAMO0169

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	02/14/61-02/14/61	1	65.	65.	65.	65.	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	02/14/61-02/14/61	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/14/61-02/14/61	1	3888.	3888.	3888.	3888.	0.	0.	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	02/14/61-02/14/61	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	02/14/61-02/14/61	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/14/61-02/14/61	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	02/14/61-02/14/61	1	282.	282.	282.	282.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	02/14/61-02/14/61	1	412.	412.	412.	412.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	02/14/61-02/14/61	1	136.	136.	136.	136.	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	02/14/61-02/14/61	1	422.	422.	422.	422.	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	02/14/61-02/14/61	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	02/14/61-02/14/61	1	403.	403.	403.	403.	0.	0.	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	02/14/61-02/14/61	1	1505.	1505.	1505.	1505.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	02/14/61-02/14/61	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	02/14/61-02/14/61	1	34.	34.	34.	34.	0.	0.	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	02/14/61-02/14/61	1	1800.	1800.	1800.	1800.	0.	0.	**	**	**	**
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/14/61-02/14/61	1	3434.	3434.	3434.	3434.	0.	0.	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	02/14/61-02/14/61	1	79.	79.	79.	79.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0169

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403 PH, LAB	Other-Hi Lim.	9.	1	0	0.00				1	0	0.00						
	Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
	Fresh Acute	860.	1	0	0.00				1	0	0.00						
00941 CHLORIDE, DISSOLVED IN WATER	Drinking Water	250.	1	1	1.00				1	1	1.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### EPA Water Quality Criteria Analysis for Station: SAMO0169

Parameter	Std. Type	Std. Value	Total		Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
			Obs	Exceed Standard		Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00946 SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	1	1.00				1	1	1.00						
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00				1	0	0.00						
71851 NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	1	1.00				1	1	1.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0170

NPS Station ID: SAMO0170 Location: OXNARD DR 2 HWY 101ALT .3MI SE/NA Station Type: /TYPA/AMBNT/STREAM RMI-Indexes: RMI-Miles: HUC: 18070103 Major Basin: LOS ANGELES AREA Minor Basin: CALLEGUAS-CONEJO CREEKS RF1 Index: 18070103 RF3 Index: 18070103013400.00 Description: SURFACE WATER STATION; DATA MANAGER CODE: 3; AREAL CODE: ; BEGINNING OF RECORD: . ; ELEVATION: 17 ; STATION NAME: OXNARD DR 2 HWY 101ALT .3MI SE/NA; CALIFORNIA COORDINATES:	LAT/LON: 34.151670/-119.117504  Depth of Water: 0 Elevation: 0  RF1 Mile Point: 0.000 RF3 Mile Point: 5.37	Agency: 21CAL-1 FIPS State/County: 06111 CALIFORNIA/VENTURA STORET Station ID(s): Z4101880 /4031132 Within Park Boundary: No  Aquifer: Water Body Id: ECO Region: Distance from RF1: 30.30 Distance from RF3: 0.17
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Date Created: 08/27/76

On/Off RF1:  
On/Off RF3:

### Parameter Inventory for Station: SAMO0170

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	08/04/52-08/04/52	1	66.	66.	66.	66.	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	08/04/52-01/14/53	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/04/52-01/14/53	2	5988.	5988.	6536.	5440.	600608.	774.989	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	08/04/52-01/14/53	2	7.55	7.55	7.7	7.4	0.045	0.212	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	08/04/52-01/14/53	2	7.525	7.525	7.7	7.4	0.046	0.215	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/52-01/14/53	2	0.03	0.03	0.04	0.02	0.	0.014	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	08/04/52-01/14/53	2	323.5	323.5	344.	303.	840.5	28.991	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	08/04/52-01/14/53	2	1982.5	1982.5	2058.	1907.	11400.5	106.773	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	08/04/52-01/14/53	2	430.5	430.5	460.	401.	1740.5	41.719	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	08/04/52-01/14/53	2	220.5	220.5	221.	220.	0.5	0.707	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	08/04/52-01/14/53	2	836.	836.	1000.	672.	53792.	231.931	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	08/04/52-01/14/53	2	12.1	12.1	14.2	10.	8.82	2.97	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	08/04/52-01/14/53	2	392.5	392.5	420.	365.	1512.5	38.891	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	08/04/52-08/04/52	1	2430.	2430.	2430.	2430.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	08/04/52-08/04/52	1	2.8	2.8	2.8	2.8	0.	0.	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	01/14/53-01/14/53	1	4080.	4080.	4080.	4080.	0.	0.	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/04/52-01/14/53	2	79.25	79.25	84.	74.5	45.125	6.718	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0170

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
00403 PH, LAB	Other-Hi Lim.	9.	2	0	0.00	1	0	0.00	1	0	0.00						
	Other-Lo Lim.	6.5	2	0	0.00	1	0	0.00	1	0	0.00						
00941 CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	2	0	0.00	1	0	0.00	1	0	0.00						
	Drinking Water	250.	2	2	1.00	1	1	1.00	1	1	1.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### EPA Water Quality Criteria Analysis for Station: SAMO0170

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00946 SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	1	1.00	1	1	1.00									
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
71851 NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	2	2	1.00	1	1	1.00	1		1	1.00					

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0171

NPS Station ID: SAMO0171 Location: OXNARD DR 2 PRIV RD .5MI S HUENEM Station Type: /TYPA/AMBNT/STREAM RMI-Indexes: RMI-Miles: HUC: 18070103 Major Basin: LOS ANGELES AREA Minor Basin: CALLEGUAS-CONEJO CREEKS RF1 Index: 18070103 RF3 Index: 18070103013900.00 Description: SURFACE WATER STATION; DATA MANAGER CODE: 3; AREAL CODE: ; BEGINNING OF RECORD: . ; ELEVATION: 10 ; STATION NAME: OXNARD DR 2 PRIV RD .5MI S HUENEM; CALIFORNIA COORDINATES:	LAT/LON: 34.139448/-119.117504          Depth of Water: 0 Elevation: 0  RF1 Mile Point: 0.000 RF3 Mile Point: 1.62	Agency: 21CAL-1 FIPS State/County: 06111 CALIFORNIA/VENTURA STORET Station ID(s): Z4101660 /4031129 Within Park Boundary: No  Aquifer: Water Body Id: ECO Region: Distance from RF1: 10.00 Distance from RF3: 0.48
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Date Created: 08/27/76

On/Off RF1:  
On/Off RF3:

### Parameter Inventory for Station: SAMO0171

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/03/61-03/03/61	1	3700.	3700.	3700.	3700.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/03/61-03/03/61	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/03/61-03/03/61	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/03/61-03/03/61	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/03/61-03/03/61	1	191.	191.	191.	191.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	03/03/61-03/03/61	1	1630.	1630.	1630.	1630.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	03/03/61-03/03/61	1	439.	439.	439.	439.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/03/61-03/03/61	1	130.	130.	130.	130.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	03/03/61-03/03/61	1	330.	330.	330.	330.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/03/61-03/03/61	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/03/61-03/03/61	1	252.	252.	252.	252.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/03/61-03/03/61	1	1690.	1690.	1690.	1690.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/03/61-03/03/61	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	03/03/61-03/03/61	1	24.	24.	24.	24.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	03/03/61-03/03/61	1	2400.	2400.	2400.	2400.	0.	0.	**	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/03/61-03/03/61	1	3266.	3266.	3266.	3266.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	03/03/61-03/03/61	1	100.	100.	100.	100.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0171

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	1	1.00							1	1	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### EPA Water Quality Criteria Analysis for Station: SAMO0171

Parameter	Std. Type	Std. Value	Total		Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
			Obs	Exceed Standard		Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00946 SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	1	1.00							1	1	1.00			
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00							1	0	0.00			
71851 NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	1	1.00							1	1	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



## Station Inventory for Station: SAMO0172

NPS Station ID: SAMO0172  
 Location: OXNARD DR 2 50FT S/LAGUNA RD  
 Station Type: /TYP/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070103  
 Major Basin: LOS ANGELES AREA  
 Minor Basin: CALLEGUAS-CONEJO CREEKS  
 RF1 Index: 18070103  
 RF3 Index: 18070103013400.00  
 Description:  
 SURFACE WATER STATION; DATA MANAGER CODE: 3; AREAL CODE: ; BEGINNING OF RECORD: . ; ELEVATION: 31 ;  
 STATION NAME: OXNARD DR 2 50FT S/LAGUNA RD ; DWR COUNTY CODE: 56; LATITUDE: 341035; LONGITUDE: 1190706;  
 CALIFORNIA COORDINATES:

LAT/LON: 34.176392/-119.118338

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 2.17

Agency: 21CAL-1  
 FIPS State/County: 06111 CALIFORNIA/VENTURA  
 STORET Station ID(s): Z4102020 /4031134  
 Within Park Boundary: No

Date Created: 08/27/76

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 0.00  
 Distance from RF3: 0.51

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: SAMO0172

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/03/61-03/03/61	1	3700.	3700.	3700.	3700.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/03/61-03/03/61	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/03/61-03/03/61	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/03/61-03/03/61	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/03/61-03/03/61	1	177.	177.	177.	177.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	03/03/61-03/03/61	1	1638.	1638.	1638.	1638.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	03/03/61-03/03/61	1	430.	430.	430.	430.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/03/61-03/03/61	1	137.	137.	137.	137.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	03/03/61-03/03/61	1	317.	317.	317.	317.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/03/61-03/03/61	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/03/61-03/03/61	1	291.	291.	291.	291.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/03/61-03/03/61	1	1637.	1637.	1637.	1637.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/03/61-03/03/61	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	03/03/61-03/03/61	1	24.	24.	24.	24.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	03/03/61-03/03/61	1	1900.	1900.	1900.	1900.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/03/61-03/03/61	1	3262.	3262.	3262.	3262.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	03/03/61-03/03/61	1	84.	84.	84.	84.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

## EPA Water Quality Criteria Analysis for Station: SAMO0172

			Total	Exceed	Prop.	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----			
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	1	1.00							1	1	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: SAMO0172

Parameter	Std. Type	Std. Value	Total	Exceed	Prop.	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
			Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00946	SULFATE, DISSOLVED (AS SO4)	250.	1	1	1.00							1	1	1.00			
00950	FLUORIDE, DISSOLVED AS F	4.	1	0	0.00							1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	44.	1	1	1.00							1	1	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0173

NPS Station ID: SAMO0173 Location: OXNARD DR 2 PLEASANT V RD Station Type: /TYPA/AMBNT/STREAM RMI-Indexes: RMI-Miles: HUC: 18070103 Major Basin: LOS ANGELES AREA Minor Basin: CALLEGUAS-CONEJO CREEKS RF1 Index: 18070103 RF3 Index: 18070103013400.00 Description: SURFACE WATER STATION; DATA MANAGER CODE: 3; AREAL CODE: ; BEGINNING OF RECORD: . ; ELEVATION: 35 ; STATION NAME: OXNARD DR 2 PLEASANT V RD ; DWR COUNTY CODE: 56; LATITUDE: 341052; LONGITUDE: 1190706; CALIFORNIA COORDINATES:	LAT/LON: 34.181115/-119.118338           Depth of Water: 0 Elevation: 0  RF1 Mile Point: 0.000 RF3 Mile Point: 1.91	Agency: 21CAL-1 FIPS State/County: 06111 CALIFORNIA/VENTURA STORET Station ID(s): Z4102030 /4031135 Within Park Boundary: No  Aquifer: Water Body Id: ECO Region: Distance from RF1: 0.00 Distance from RF3: 0.28  On/Off RF1: On/Off RF3:
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### Parameter Inventory for Station: SAMO0173

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/06/52-02/14/61	3	64.	65.	70.	61.	21.	4.583	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/06/52-02/14/61	3	2925.	3251.333	3922.	2907.	337426.333	580.884	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	06/06/52-02/14/61	3	7.4	7.333	7.6	7.	0.093	0.306	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	06/06/52-02/14/61	3	7.4	7.26	7.6	7.	0.101	0.318	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/06/52-02/14/61	3	0.04	0.055	0.1	0.025	0.002	0.04	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CAC03)	06/06/52-02/14/61	3	275.	277.333	304.	253.	654.333	25.58	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CAC03)	06/06/52-02/14/61	3	1486.	1524.667	1800.	1288.	66657.333	258.181	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS CA)	06/06/52-02/14/61	3	316.	367.667	472.	315.	8164.333	90.357	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	06/06/52-02/14/61	3	151.	147.333	170.	121.	610.333	24.705	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS NA)	06/06/52-02/14/61	3	300.	310.333	375.	256.	3620.333	60.169	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	08/04/52-02/14/61	2	10.95	10.95	12.	9.9	2.205	1.485	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	06/06/52-02/14/61	3	283.	264.333	398.	112.	20710.333	143.911	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	06/06/52-02/14/61	3	1358.	1388.	1576.	1230.	30604.	174.94	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	02/14/61-02/14/61	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SI02)	02/14/61-02/14/61	1	50.	50.	50.	50.	0.	0.	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	06/06/52-02/14/61	3	1700.	1686.667	1900.	1460.	48533.333	220.303	**	**	**	**
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/06/52-02/14/61	3	2815.	3005.	3520.	2680.	203475.	451.082	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/06/52-02/14/61	3	74.	70.533	93.	44.6	594.653	24.386	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0173

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403 PH, LAB	Other-Hi Lim.	9.	3	0	0.00	2	0	0.00	1	0	0.00						
	Other-Lo Lim.	6.5	3	0	0.00	2	0	0.00	1	0	0.00						
00941 CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	3	0	0.00	2	0	0.00	1	0	0.00						
	Drinking Water	250.	3	2	0.67	2	1	0.50	1	1	1.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### EPA Water Quality Criteria Analysis for Station: SAMO0173

Parameter	Std. Type	Std. Value	Total	Exceed	Prop.	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
			Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00946 SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	3	3	1.00	2	2	1.00	1	1	1.00						
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00				1	0	0.00						
71851 NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	3	3	1.00	2	2	1.00	1	1	1.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0174

NPS Station ID: SAMO0174  
 Location: EL RIO CHANNEL @ REVOLON SLOUGH  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070103  
 Major Basin: CALIFORNIA  
 Minor Basin: SANTA CLARA RIVER  
 RF1 Index: 18070103  
 RF3 Index: 18070103009700.00  
 Description:

LAT/LON: 34.222226/-119.119448

Depth of Water: 0  
 Elevation: 0  
 RF1 Mile Point: 0.000  
 RF3 Mile Point: 15.25

Agency: 21CAL-4  
 FIPS State/County: 06111 CALIFORNIA/VENTURA  
 STORET Station ID(s): WB0441320190710  
 Within Park Boundary: No

Date Created: 08/29/87

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 0.00  
 Distance from RF3: 0.04

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: SAMO0174

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
32104	BROMOFORM,WHOLE WATER,UG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
32106	CHLOROFORM,WHOLE WATER,UG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	06/17/87-06/17/87	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**
34301	CHLOROBENZENE TOTWUG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34311	CHLOROETHANE TOTWUG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34371	ETHYLBENZENE TOTWUG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34413	METHYL BROMIDE TOTWUG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34418	METHYL CHLORIDE TOTWUG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34496	1,1-DICHLOROETHANE TOTWUG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34501	1,1-DICHLOROETHYLENE TOTWUG/L	06/17/87-06/17/87	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34531	1,2-DICHLOROETHANE TOTWUG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34536	1,2-DICHLOROBENZENE TOTWUG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34541	1,2-DICHLOROPROPANE TOTWUG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34566	1,3-DICHLOROBENZENE TOTWUG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34571	1,4-DICHLOROBENZENE TOTWUG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	06/17/87-06/17/87	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
34668	DICHLORODIFLUOROMETHANE TOTWUG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
77128	STYRENE WHOLE WATER,UG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	06/17/87-06/17/87	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
81596	METHYL-ISOBUTYL KETONE WHL WATER SMPL UG/L	06/17/87-06/17/87	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
81710	M-XYLENE IN THE WHOLE WATER SAMPLE MG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: SAMO0174

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
81711 O-XYLENE IN THE WHOLE WATER SAMPLE MG/L	06/17/87-06/17/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0174

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
32101 BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32102 CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	1	0	0.00	1	0	0.00									
	Drinking Water	5.	1	0	0.00	1	0	0.00									
32104 BROMOFORM, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32105 DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32106 CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	1	0	0.00	1	0	0.00									
	Drinking Water	100.	1	0	0.00	1	0	0.00									
34010 TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	1	0	0.00	1	0	0.00									
	Drinking Water	1000.	1	0	0.00	1	0	0.00									
34301 CHLOROBENZENE, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
34371 ETHYLBENZENE, TOTAL	Fresh Acute	32000.	1	0	0.00	1	0	0.00									
	Drinking Water	700.	1	0	0.00	1	0	0.00									
34423 METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	1	0	0.00	1	0	0.00									
34475 TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	1	0	0.00	1	0	0.00									
	Drinking Water	5.	1	0	0.00	1	0	0.00									
34501 1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	1	0	0.00	1	0	0.00									
34506 1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	1	0	0.00	1	0	0.00									
34511 1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	1	0	0.00	1	0	0.00									
34531 1,2-DICHLOROETHANE, TOTAL	Fresh Acute	118000.	1	0	0.00	1	0	0.00									
	Drinking Water	5.	1	0	0.00	1	0	0.00									
34536 1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00	1	0	0.00									
34541 1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	1	0	0.00	1	0	0.00									
34546 TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	1	0	0.00	1	0	0.00									
34566 1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00	1	0	0.00									
34571 1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	1	0	0.00	1	0	0.00									
39175 VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	1	0	0.00	1	0	0.00									
39180 TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	1	0	0.00	1	0	0.00									
	Drinking Water	5.	1	0	0.00	1	0	0.00									
77093 CIS-1,2-DICHLOROETHYLENE, WHOLE WATER	Drinking Water	70.	1	0	0.00	1	0	0.00									
77128 STYRENE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
77651 1,2-DIBROMOETHANE, WHOLE WATER	Drinking Water	0.05	0 &	0	0.00												

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0175

NPS Station ID: SAMO0175  
 Location: OXNARD DR 2 HUENEME RD .5MI W/101  
 Station Type: /TYP/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070103  
 Major Basin: LOS ANGELES AREA  
 Minor Basin: CALLEGUAS-CONEJO CREEKS  
 RF1 Index: 18070103  
 RF3 Index: 18070103013400.00  
 Description:  
 SURFACE WATER STATION; DATA MANAGER CODE: 3; AREAL CODE: ; BEGINNING OF RECORD: . ; ELEVATION: 17 ;  
 STATION NAME: OXNARD DR 2 HUENEME RD .5MI W/101;  
 CALIFORNIA COORDINATES:

LAT/LON: 34.147226/-119.120281

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 7.47

Agency: 21CAL-1  
 FIPS State/County: 06111 CALIFORNIA/VENTURA  
 STORET Station ID(s): Z4101780 /4031131  
 Within Park Boundary: No

Date Created: 08/27/76

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 28.80  
 Distance from RF3: 0.04

On/Off RF1:  
 On/Off RF3:

### Parameter Inventory for Station: SAMO0175

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/27/53-02/27/53	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/06/52-06/06/52	1	66.	66.	66.	66.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/06/52-02/27/53	2	5450.	5450.	6180.	4720.	1065800.	1032.376	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	06/06/52-02/27/53	2	7.4	7.4	7.6	7.2	0.08	0.283	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	06/06/52-02/27/53	2	7.355	7.355	7.6	7.2	0.084	0.29	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/06/52-02/27/53	2	0.044	0.044	0.063	0.025	0.001	0.027	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	06/06/52-02/27/53	2	308.5	308.5	328.	289.	760.5	27.577	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	06/06/52-02/27/53	2	1819.	1819.	2015.	1623.	76832.	277.186	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	06/06/52-02/27/53	2	382.5	382.5	405.	360.	1012.5	31.82	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	06/06/52-02/27/53	2	210.	210.	244.	176.	2312.	48.083	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	06/06/52-02/27/53	2	860.5	860.5	1095.	626.	109980.5	331.633	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	02/27/53-02/27/53	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	06/06/52-02/27/53	2	292.5	292.5	372.	213.	12640.5	112.43	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	06/06/52-06/06/52	1	2220.	2220.	2220.	2220.	0.	0.	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	06/06/52-02/27/53	2	2950.	2950.	4500.	1400.	4805000.	2192.031	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/06/52-02/27/53	2	62.55	62.55	68.1	57.	61.605	7.849	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0175

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
00403 PH, LAB	Other-Hi Lim.	9.	2	0	0.00	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
	Other-Lo Lim.	6.5	2	0	0.00	1	0	0.00	1	0	0.00						
	Fresh Acute	860.	2	0	0.00	1	0	0.00	1	0	0.00						
00941 CHLORIDE, DISSOLVED IN WATER	Drinking Water	250.	2	1	0.50	1	0	0.00	1	1	1.00						
	Drinking Water	250.	1	1	1.00	1	1	1.00									
00946 SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	1	1.00	1	1	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: SAMO0175

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	2	2	1.00	1	1	1.00	1	1	1.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



## Station Inventory for Station: SAMO0176

NPS Station ID: SAMO0176 Location: OXNARD DR 2 1MI S FIFTH ST Station Type: /TYPA/AMBNT/STREAM RMI-Indexes: RMI-Miles: HUC: 18070103 Major Basin: LOS ANGELES AREA Minor Basin: CALLEGUAS-CONEJO CREEKS RF1 Index: 18070103 RF3 Index: 18070103013400.00 Description: SURFACE WATER STATION; DATA MANAGER CODE: 3; AREAL CODE: ; BEGINNING OF RECORD: . ; ELEVATION: 38 ; STATION NAME: OXNARD DR 2 1MI S FIFTH ST ; DWR COUNTY CODE: 56; LATITUDE: 341057; LONGITUDE: 1190725; CALIFORNIA COORDINATES:	LAT/LON: 34.182504/-119.123615           Depth of Water: 0 Elevation: 0  RF1 Mile Point: 0.000 RF3 Mile Point: 1.23	Agency: 21CAL-1 FIPS State/County: 06111 CALIFORNIA/VENTURA STORET Station ID(s): Z4102040 /4031136 Within Park Boundary: No  Aquifer: Water Body Id: ECO Region: Distance from RF1: 0.00 Distance from RF3: 0.07
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Date Created: 08/27/76

On/Off RF1:  
On/Off RF3:

### Parameter Inventory for Station: SAMO0176

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/03/61-03/03/61	1	3600.	3600.	3600.	3600.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/03/61-03/03/61	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/03/61-03/03/61	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/03/61-03/03/61	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/03/61-03/03/61	1	176.	176.	176.	176.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	03/03/61-03/03/61	1	1630.	1630.	1630.	1630.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	03/03/61-03/03/61	1	415.	415.	415.	415.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/03/61-03/03/61	1	145.	145.	145.	145.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	03/03/61-03/03/61	1	320.	320.	320.	320.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/03/61-03/03/61	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/03/61-03/03/61	1	300.	300.	300.	300.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/03/61-03/03/61	1	1625.	1625.	1625.	1625.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/03/61-03/03/61	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	03/03/61-03/03/61	1	24.	24.	24.	24.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	03/03/61-03/03/61	1	2000.	2000.	2000.	2000.	0.	0.	**	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/03/61-03/03/61	1	3198.	3198.	3198.	3198.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	03/03/61-03/03/61	1	66.	66.	66.	66.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0176

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	1	1.00							1	1	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### EPA Water Quality Criteria Analysis for Station: SAMO0176

Parameter	Std. Type	Std. Value	Total		Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
			Obs	Exceed Standard		Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00946 SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	1	1.00							1	1	1.00			
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00							1	0	0.00			
71851 NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	1	1.00							1	1	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0177

NPS Station ID: SAMO0177  
 Location: SEEPAGE TO DITCH E/O CHASE  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070103  
 Major Basin: LOS ANGELES AREA  
 Minor Basin: CALLEGUAS-CONEJO CREEKS  
 RF1 Index: 18070103  
 RF3 Index: 18070103013400.00  
 Description:

LAT/LON: 34.195837/-119.123615

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 0.00

Agency: 21CAL-1  
 FIPS State/County: 06111 CALIFORNIA/VENTURA  
 STORET Station ID(s): Z4102070 /4031139  
 Within Park Boundary: No

Date Created: 08/27/76

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 0.00  
 Distance from RF3: 0.02

On/Off RF1:  
 On/Off RF3:

SURFACE WATER STATION; DATA MANAGER CODE: 3; AREAL CODE: ; BEGINNING OF RECORD: . ; ELEVATION: 47 ;  
 STATION NAME: SEEPAGE TO DITCH E/O CHASE ; DWR COUNTY CODE: 56; LATITUDE: 341145; LONGITUDE: 1190725;  
 CALIFORNIA COORDINATES:

### Parameter Inventory for Station: SAMO0177

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	02/14/61-02/14/61	2	66.	66.	68.	64.	8.	2.828	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/14/61-02/14/61	2	23746.	23746.	44400.	3092.	853175432.	29209.167	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	02/14/61-02/14/61	2	7.4	7.4	7.7	7.1	0.18	0.424	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	02/14/61-02/14/61	2	7.304	7.304	7.7	7.1	0.199	0.446	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/14/61-02/14/61	2	0.05	0.05	0.079	0.02	0.002	0.042	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CAC03)	02/14/61-02/14/61	1	224.	224.	224.	224.	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CAC03)	02/14/61-02/14/61	1	1725.	1725.	1725.	1725.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS CA)	02/14/61-02/14/61	2	703.5	703.5	897.	510.	74884.5	273.65	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	02/14/61-02/14/61	2	438.	438.	766.	110.	215168.	463.862	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS NA)	02/14/61-02/14/61	1	193.	193.	193.	193.	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	02/14/61-02/14/61	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	02/14/61-02/14/61	2	10089.	10089.	20000.	178.	196455842.	14016.271	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	02/14/61-02/14/61	2	1627.5	1627.5	1705.	1550.	12012.5	109.602	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	02/14/61-02/14/61	2	3.55	3.55	4.3	2.8	1.125	1.061	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SI02)	02/14/61-02/14/61	2	48.	48.	50.	46.	8.	2.828	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	02/14/61-02/14/61	1	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/14/61-02/14/61	1	2922.	2922.	2922.	2922.	0.	0.	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	02/14/61-02/14/61	2	178.5	178.5	269.	88.	16380.5	127.986	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0177

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403 PH, LAB	Other-Hi Lim.	9.	2	0	0.00				2	0	0.00						
	Other-Lo Lim.	6.5	2	0	0.00				2	0	0.00						
	Fresh Acute	860.	2	1	0.50				2	1	0.50						
00941 CHLORIDE, DISSOLVED IN WATER	Drinking Water	250.	2	1	0.50				2	1	0.50						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: SAMO0177

Parameter	Std. Type	Std. Value	Total	Exceed	Prop.	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
			Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00946	SULFATE, DISSOLVED (AS SO4)	250.	2	2	1.00				2	2	1.00						
00950	FLUORIDE, DISSOLVED AS F	4.	2	1	0.50				2	1	0.50						
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	44.	2	2	1.00				2	2	1.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0178

NPS Station ID: SAMO0178  
 Location: OXNARD DR NO 2 630 FT S/O E FIFTH  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070103  
 Major Basin: LOS ANGELES AREA  
 Minor Basin: CALLEGUAS-CONEJO CREEKS  
 RF1 Index: 18070103  
 RF3 Index: 18070103013400.00  
 Description:  
 SURFACE WATER STATION; DATA MANAGER CODE: 3; AREAL CODE: ; BEGINNING OF RECORD: . ; ELEVATION: 47 ;  
 STATION NAME: OXNARD DR NO 2 630 FT S/O E FIFTH;  
 CALIFORNIA COORDINATES:

LAT/LON: 34.195281/-119.123615

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 0.89

Agency: 21CAL-1  
 FIPS State/County: 06111 CALIFORNIA/VENTURA  
 STORET Station ID(s): Z4102060 /4031138  
 Within Park Boundary: No

Date Created: 08/27/76

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 0.00  
 Distance from RF3: 0.34

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: SAMO0178

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	03/03/61-03/03/61	1	64.	64.	64.	64.	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	03/03/61-03/03/61	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/03/61-03/03/61	1	3850.	3850.	3850.	3850.	0.	0.	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	03/03/61-03/03/61	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	03/03/61-03/03/61	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/03/61-03/03/61	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	03/03/61-03/03/61	1	197.	197.	197.	197.	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	03/03/61-03/03/61	1	1068.	1068.	1068.	1068.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	03/03/61-03/03/61	1	433.	433.	433.	433.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	03/03/61-03/03/61	1	119.	119.	119.	119.	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	03/03/61-03/03/61	1	353.	353.	353.	353.	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	03/03/61-03/03/61	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	03/03/61-03/03/61	1	411.	411.	411.	411.	0.	0.	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	03/03/61-03/03/61	1	1488.	1488.	1488.	1488.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	03/03/61-03/03/61	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	03/03/61-03/03/61	1	23.	23.	23.	23.	0.	0.	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	03/03/61-03/03/61	1	1800.	1800.	1800.	1800.	0.	0.	**	**	**	**
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/03/61-03/03/61	1	3248.	3248.	3248.	3248.	0.	0.	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	03/03/61-03/03/61	1	71.	71.	71.	71.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

## EPA Water Quality Criteria Analysis for Station: SAMO0178

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
00403 PH, LAB	Other-Hi Lim.	9.	1	0	0.00	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
	Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
												1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### EPA Water Quality Criteria Analysis for Station: SAMO0178

Parameter	Std. Type	Std. Value	Total			-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
			Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00941 CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
	Drinking Water	250.	1	1	1.00							1	1	1.00			
00946 SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	1	1.00							1	1	1.00			
	Drinking Water	4.	1	0	0.00							1	0	0.00			
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00							1	0	0.00			
71851 NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	1	1.00							1	1	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0179

NPS Station ID: SAMO0179 Location: OXNARD DR 2 3650FT S/E FIFTH Station Type: /TYPA/AMBNT/STREAM RMI-Indexes: RMI-Miles: HUC: 18070103 Major Basin: LOS ANGELES AREA Minor Basin: CALLEGUAS-CONEJO CREEKS RF1 Index: 18070103 RF3 Index: 18070103013400.00 Description: SURFACE WATER STATION; DATA MANAGER CODE: 3; AREAL CODE: ; BEGINNING OF RECORD: . ; ELEVATION: 42 ; STATION NAME: OXNARD DR 2 3650FT S/E FIFTH ; DWR COUNTY CODE: 56; LATITUDE: 341115; LONGITUDE: 1190725; CALIFORNIA COORDINATES:	LAT/LON: 34.187505/-119.123615          Depth of Water: 0 Elevation: 0  RF1 Mile Point: 0.000 RF3 Mile Point: 0.90	Agency: 21CAL-1 FIPS State/County: 06111 CALIFORNIA/VENTURA STORET Station ID(s): Z4102050 /4031137 Within Park Boundary: No  Aquifer: Water Body Id: ECO Region: Distance from RF1: 0.00 Distance from RF3: 0.01  On/Off RF1: On/Off RF3:
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### Parameter Inventory for Station: SAMO0179

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	03/03/61-03/03/61	1	64.	64.	64.	64.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/03/61-03/03/61	1	3750.	3750.	3750.	3750.	0.	0.	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	03/03/61-03/03/61	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	03/03/61-03/03/61	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/03/61-03/03/61	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CAC03)	03/03/61-03/03/61	1	203.	203.	203.	203.	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CAC03)	03/03/61-03/03/61	1	1698.	1698.	1698.	1698.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS CA)	03/03/61-03/03/61	1	445.	445.	445.	445.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	03/03/61-03/03/61	1	143.	143.	143.	143.	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS NA)	03/03/61-03/03/61	1	325.	325.	325.	325.	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	03/03/61-03/03/61	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	03/03/61-03/03/61	1	319.	319.	319.	319.	0.	0.	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	03/03/61-03/03/61	1	1629.	1629.	1629.	1629.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	03/03/61-03/03/61	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SI02)	03/03/61-03/03/61	1	23.	23.	23.	23.	0.	0.	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	03/03/61-03/03/61	1	2100.	2100.	2100.	2100.	0.	0.	**	**	**	**
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/03/61-03/03/61	1	3230.	3230.	3230.	3230.	0.	0.	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	03/03/61-03/03/61	1	84.	84.	84.	84.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0179

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403 PH, LAB	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
	Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00941 CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
	Drinking Water	250.	1	1	1.00							1	1	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### EPA Water Quality Criteria Analysis for Station: SAMO0179

Parameter	Std. Type	Std. Value	Total		Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
			Obs	Exceed Standard		Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00946 SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	1	1.00							1	1	1.00			
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00							1	0	0.00			
71851 NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	1	1.00							1	1	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



## Station Inventory for Station: SAMO0180

NPS Station ID: SAMO0180  
 Location: OXNARD DRAINAGE 3 TRIB AB NE D  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC:  
 Major Basin: LOS ANGELES AREA  
 Minor Basin: CALLEGUAS-CONEJO CREEKS  
 RF1 Index:  
 RF3 Index: 18070103000200.72  
 Description:  
 SURFACE WATER STATION; DATA MANAGER CODE: 3; AREAL CODE: ; BEGINNING OF RECORD: . ; ELEVATION: 13 ;  
 STATION NAME: OXNARD DRAINAGE 3 TRIB AB NE D ; DWR COUNTY CODE: 56; LATITUDE: 340649; LONGITUDE: 1190805;  
 CALIFORNIA COORDINATES:

LAT/LON: 34.113615/-119.134726

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 0.72

Agency: 21CAL-1  
 FIPS State/County: 06111 CALIFORNIA/VENTURA  
 STORET Station ID(s): Z4100770 /4031124  
 Within Park Boundary: No

Date Created: 08/27/76

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 2.70  
 Distance from RF3: 0.04

On/Off RF1:  
 On/Off RF3:

### Parameter Inventory for Station: SAMO0180

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/12/61-09/12/61	1	76.	76.	76.	76.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/12/61-09/12/61	1	5200.	5200.	5200.	5200.	0.	0.	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	09/12/61-09/12/61	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	09/12/61-09/12/61	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/12/61-09/12/61	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CAC03)	09/12/61-09/12/61	1	305.	305.	305.	305.	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CAC03)	09/12/61-09/12/61	1	1120.	1120.	1120.	1120.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS CA)	09/12/61-09/12/61	1	176.	176.	176.	176.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	09/12/61-09/12/61	1	165.	165.	165.	165.	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS NA)	09/12/61-09/12/61	1	773.	773.	773.	773.	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	09/12/61-09/12/61	1	47.	47.	47.	47.	0.	0.	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	09/12/61-09/12/61	1	1076.	1076.	1076.	1076.	0.	0.	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	09/12/61-09/12/61	1	952.	952.	952.	952.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	09/12/61-09/12/61	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SI02)	09/12/61-09/12/61	1	21.	21.	21.	21.	0.	0.	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	09/12/61-09/12/61	1	1800.	1800.	1800.	1800.	0.	0.	**	**	**	**
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/12/61-09/12/61	1	3529.	3529.	3529.	3529.	0.	0.	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/12/61-09/12/61	1	19.	19.	19.	19.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0180

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403 PH, LAB	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
	Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
	Fresh Acute	860.	1	1	1.00	1	1	1.00									
	Drinking Water	250.	1	1	1.00	1	1	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: SAMO0180

Parameter	Std. Type	Std. Value	Total		Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
			Obs				Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00946	SULFATE, DISSOLVED (AS SO4)	250.	1		1	1.00	1	1	1.00									
00950	FLUORIDE, DISSOLVED AS F	4.	1		0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	44.	1		0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0181

NPS Station ID: SAMO0181 Location: OXNARD DR 3 A TGATE 5000FT E/ARNO Station Type: /TYPA/AMBNT/STREAM RMI-Indexes: RMI-Miles: HUC: Major Basin: LOS ANGELES AREA Minor Basin: CALLEGUAS-CONEJO CREEKS RF1 Index: RF3 Index: 18070103000900.03 Description: SURFACE WATER STATION; DATA MANAGER CODE: 3; AREAL CODE: ; BEGINNING OF RECORD: . ; ELEVATION: 14 ; STATION NAME: OXNARD DR 3 A TGATE 5000FT E/ARNO; CALIFORNIA COORDINATES:	LAT/LON: 34.115281/-119.141670          Depth of Water: 0 Elevation: 0  RF1 Mile Point: 0.000 RF3 Mile Point: 4.06	Agency: 21CAL-1 FIPS State/County: 06111 CALIFORNIA/VENTURA STORET Station ID(s): Z4100880 /4031125 Within Park Boundary: No  Aquifer: Water Body Id: ECO Region: Distance from RF1: 7.90 Distance from RF3: 0.60
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Date Created: 08/27/76

On/Off RF1:  
On/Off RF3:

### Parameter Inventory for Station: SAMO0181

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/12/61-09/12/61	1	74.	74.	74.	74.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/12/61-09/12/61	1	34500.	34500.	34500.	34500.	0.	0.	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	09/12/61-09/12/61	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	09/12/61-09/12/61	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/12/61-09/12/61	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	09/12/61-09/12/61	1	120.	120.	120.	120.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	09/12/61-09/12/61	1	441.	441.	441.	441.	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	09/12/61-09/12/61	1	133.	133.	133.	133.	0.	0.	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	09/12/61-09/12/61	1	13811.	13811.	13811.	13811.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	09/12/61-09/12/61	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	09/12/61-09/12/61	1	6.	6.	6.	6.	0.	0.	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/12/61-09/12/61	1	17.	17.	17.	17.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0181

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403 PH, LAB	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
	Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00941 CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	1	1.00	1	1	1.00									
	Drinking Water	250.	1	1	1.00	1	1	1.00									
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
71851 NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0182

NPS Station ID: SAMO0182  
 Location: OXNARD DR 3 CASPER RD 1.5MI S HUE  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 18070103  
 Major Basin: LOS ANGELES AREA  
 Minor Basin: CALLEGUAS-CONEJO CREEKS  
 RF1 Index: 18070103  
 RF3 Index: 18070103000201.21

LAT/LON: 34.125559/-119.143892

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 1.21

Agency: 21CAL-1  
 FIPS State/County: 06111 CALIFORNIA/VENTURA  
 STORET Station ID(s): Z4101550 /4031128  
 Within Park Boundary: No

Date Created: 08/27/76

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 0.00  
 Distance from RF3: 0.06

On/Off RF1:  
 On/Off RF3:

Description:  
 SURFACE WATER STATION; DATA MANAGER CODE: 3; AREAL CODE: ; BEGINNING OF RECORD: . ; ELEVATION: 7 ;  
 STATION NAME: OXNARD DR 3 CASPER RD 1.5MI S HUE; DWR COUNTY CODE: 56; LATITUDE: 340732; LONGITUDE: 1190838;  
 CALIFORNIA COORDINATES:

### Parameter Inventory for Station: SAMO0182

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/06/52-01/14/53	2	3546.	3546.	5347.	1745.	6487202.	2546.999	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/06/52-01/14/53	2	7.55	7.55	7.6	7.5	0.005	0.071	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/06/52-01/14/53	2	7.547	7.547	7.6	7.5	0.005	0.071	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/06/52-01/14/53	2	0.028	0.028	0.032	0.025	0.	0.005	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	06/06/52-01/14/53	2	401.5	401.5	492.	311.	16380.5	127.986	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	06/06/52-01/14/53	2	961.	961.	1353.	569.	307328.	554.372	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	06/06/52-01/14/53	2	179.5	179.5	219.	140.	3120.5	55.861	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/06/52-01/14/53	2	124.7	124.7	196.	53.4	10167.38	100.833	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	06/06/52-01/14/53	2	553.5	553.5	920.	187.	268644.5	518.309	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/14/53-01/14/53	1	42.5	42.5	42.5	42.5	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/06/52-01/14/53	2	391.	391.	675.	107.	161312.	401.637	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/06/52-01/14/53	2	1171.	1171.	1824.	518.	852818.	923.481	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	06/06/52-01/14/53	2	1640.	1640.	2480.	800.	1411200.	1187.939	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/06/52-06/06/52	1	1330.	1330.	1330.	1330.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/06/52-01/14/53	2	11.35	11.35	18.3	4.4	96.605	9.829	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0182

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403	PH, LAB	Other-Hi Lim.	9.	2	0	0.00	1	0	0.00	1	0	0.00					
		Other-Lo Lim.	6.5	2	0	0.00	1	0	0.00	1	0	0.00					
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	2	0	0.00	1	0	0.00	1	0	0.00					
		Drinking Water	250.	2	1	0.50	1	0	0.00	1	1	1.00					
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	2	2	1.00	1	1	1.00	1	1	1.00					
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	2	0	0.00	1	0	0.00	1	0	0.00					

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: SAMO0183

NPS Station ID: SAMO0183

Location: LAT AND LONG CALCULATED FROM TOWNSHIP AND RANGE

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 18070103

Major Basin: CALIFORNIA

Minor Basin: SANTA CLARA RIVER

RF1 Index: 18070103

RF3 Index: 18070103001300.00

Description:

LAT/LON: 34.133337/-119.150003

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 0.00

Agency: 21CAL-2

FIPS State/County: 06111 CALIFORNIA/VENTURA

STORET Station ID(s): 01N/22W-26P02 S/SNW012226P02

Within Park Boundary: No

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.00

Distance from RF3: 0.15

Date Created: 11/17/79

On/Off RF1:

On/Off RF3:

Parameter Inventory for Station: SAMO0183

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	08/31/81-07/23/82	2	71.	71.	72.	70.	2.	1.414	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/01/77-06/13/78	3	960.	956.667	960.	950.	33.333	5.774	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/10/79-07/23/82	3	43.	41.667	44.	38.	10.333	3.215	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/10/79-07/23/82	3	710.	700.333	728.	663.	1126.333	33.561	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: SAMO0183

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
00941	CHLORIDE, DISSOLVED IN WATER					Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
	Fresh Acute	860.	3	0	0.00	3	0	0.00									
	Drinking Water	250.	3	0	0.00	3	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: SAMO0184

NPS Station ID: SAMO0184 Location: OXNARD DR 3 ARNOLD RD 1.7MI S HUE Station Type: /TYPA/AMBNT/STREAM RMI-Indexes: RMI-Miles: HUC: Major Basin: LOS ANGELES AREA Minor Basin: CALLEGUAS-CONEJO CREEKS RF1 Index: RF3 Index: 18070103000900.03 Description: SURFACE WATER STATION; DATA MANAGER CODE: 3; AREAL CODE: ; BEGINNING OF RECORD: . ; ELEVATION: 13 ; STATION NAME: OXNARD DR 3 ARNOLD RD 1.7MI S HUE; CALIFORNIA COORDINATES:	LAT/LON: 34.123059/-119.155004          Depth of Water: 0 Elevation: 0  RF1 Mile Point: 0.000 RF3 Mile Point: 5.49	Agency: 21CAL-1 FIPS State/County: 06111 CALIFORNIA/VENTURA STORET Station ID(s): Z4100990 /4031126 Within Park Boundary: No  Aquifer: Water Body Id: ECO Region: Distance from RF1: 6.80 Distance from RF3: 0.43
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Date Created: 08/27/76

On/Off RF1:  
On/Off RF3:

### Parameter Inventory for Station: SAMO0184

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	11/17/60-11/17/60	1	69.	69.	69.	69.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/17/60-11/17/60	1	8300.	8300.	8300.	8300.	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	11/17/60-11/17/60	1	294.	294.	294.	294.	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	11/17/60-11/17/60	1	1695.	1695.	1695.	1695.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	11/17/60-11/17/60	1	339.	339.	339.	339.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	11/17/60-11/17/60	1	207.	207.	207.	207.	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	11/17/60-11/17/60	1	1350.	1350.	1350.	1350.	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	11/17/60-11/17/60	1	43.	43.	43.	43.	0.	0.	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	11/17/60-11/17/60	1	1750.	1750.	1750.	1750.	0.	0.	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	11/17/60-11/17/60	1	1902.	1902.	1902.	1902.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	11/17/60-11/17/60	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	11/17/60-11/17/60	1	8.	8.	8.	8.	0.	0.	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	11/17/60-11/17/60	1	3900.	3900.	3900.	3900.	0.	0.	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	11/17/60-11/17/60	1	42.	42.	42.	42.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: SAMO0184

Parameter		Std. Type	Std. Value	Total		Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
				Obs	Standard		Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	1	1.00				1	1	1.00						
		Drinking Water	250.	1	1	1.00				1	1	1.00						
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	1	1.00				1	1	1.00						
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00				1	0	0.00						
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## EPA Water Quality Criteria Analysis for Entire SAMO Study Area

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	32	0	0.00	13	0	0.00	12	0	0.00	7	0	0.00		
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	8	3	0.38				5	1	0.20	3	2	0.67		
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1105 &	59	0.05	466	51	0.11	387	6	0.02	252	2	0.01		
00400	PH	Other-Hi Lim.	9.	212	2	0.01	95	0	0.00	62	2	0.03	55	0	0.00		
		Other-Lo Lim.	6.5	212	1	0.00	95	0	0.00	62	1	0.02	55	0	0.00		
00403	PH, LAB	Other-Hi Lim.	9.	1533	5	0.00	526	4	0.01	641	0	0.00	366	1	0.00		
		Other-Lo Lim.	6.5	1533	11	0.01	526	5	0.01	641	5	0.01	366	1	0.00		
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	26	0	0.00	12	0	0.00	9	0	0.00	5	0	0.00		
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	445	17	0.04	166	9	0.05	161	3	0.02	118	5	0.04		
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	267	3	0.01	102	1	0.01	106	1	0.01	59	1	0.02		
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	880	19	0.02	327	5	0.02	343	10	0.03	210	4	0.02		
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	20	1	0.05	4	0	0.00	16	1	0.06					
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	104	3	0.03	56	2	0.04	18	0	0.00	30	1	0.03		
00720	CYANIDE, TOTAL	Fresh Acute	0.022	64 &	19	0.30	10	2	0.20	37	16	0.43	17	1	0.06		
		Drinking Water	0.2	106 &	2	0.02	11	0	0.00	72	2	0.03	23	0	0.00		
00940	CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	1113	30	0.03	425	11	0.03	420	14	0.03	268	5	0.02		
		Drinking Water	250.	1113	47	0.04	425	17	0.04	420	22	0.05	268	8	0.03		
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	461	24	0.05	135	10	0.07	209	10	0.05	117	4	0.03		
		Drinking Water	250.	461	57	0.12	135	15	0.11	209	23	0.11	117	19	0.16		
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1115	638	0.57	425	266	0.63	421	216	0.51	269	156	0.58		
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	438	311	0.71	133	105	0.79	201	129	0.64	104	77	0.74		
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	331	2	0.01	118	1	0.01	135	1	0.01	78	0	0.00		
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	359	1	0.00	92	0	0.00	166	1	0.01	101	0	0.00		
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Fresh Acute	360.	4	0	0.00	2	0	0.00	2	0	0.00					
		Drinking Water	50.	4	0	0.00	2	0	0.00	2	0	0.00					
00981	SELENIUM, TOTAL RECOVERABLE IN WATER AS S	Fresh Acute	20.	4	0	0.00	2	0	0.00	2	0	0.00					
		Drinking Water	50.	4	0	0.00	2	0	0.00	2	0	0.00					
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS	Fresh Acute	1400.	4	0	0.00	2	0	0.00	2	0	0.00					
00998	BERYLLIUM, TOTAL RECOVERABLE IN WATER AS	Fresh Acute	130.	4	0	0.00	2	0	0.00	2	0	0.00					
		Drinking Water	4.	4	0	0.00	2	0	0.00	2	0	0.00					
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	59	0	0.00	13	0	0.00	33	0	0.00	13	0	0.00		
		Drinking Water	50.	59	2	0.03	13	0	0.00	33	2	0.06	13	0	0.00		
01002	ARSENIC, TOTAL	Fresh Acute	360.	396	1	0.00	133	0	0.00	173	1	0.01	90	0	0.00		
		Drinking Water	50.	396	12	0.03	133	1	0.01	173	10	0.06	90	1	0.01		
		Marine Acute	69.	2	0	0.00	2	0	0.00		0	0.00					
01005	BARIUM, DISSOLVED	Drinking Water	2000.	48	1	0.02	13	0	0.00	23	1	0.04	12	0	0.00		
01007	BARIUM, TOTAL	Drinking Water	2000.	412	3	0.01	128	0	0.00	183	1	0.01	101	2	0.02		
01009	BARIUM, TOTAL RECOVERABLE IN WATER AS BA	Drinking Water	2000.	4	0	0.00	2	0	0.00	2	0	0.00					
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	10	1	0.10	4	1	0.25	6	0	0.00					
		Drinking Water	4.	9 &	7	0.78	3	3	1.00	6	4	0.67					
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	2	0	0.00				2	0	0.00					
		Drinking Water	4.	2	0	0.00				2	0	0.00					
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	26 &	8	0.31	5	0	0.00	16	6	0.38	5	2	0.40		
		Drinking Water	5.	26 &	8	0.31	5	0	0.00	16	6	0.38	5	2	0.40		
01027	CADMIUM, TOTAL	Fresh Acute	3.9	239 &	78	0.33	72	14	0.19	112	49	0.44	55	15	0.27		
		Drinking Water	5.	239 &	73	0.31	72	13	0.18	112	46	0.41	55	14	0.25		
		Marine Acute	43.	3	0	0.00	2	0	0.00	1	0	0.00					
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	32	3	0.09				24	1	0.04	8	2	0.25		
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	315 &	10	0.03	92	6	0.07	151	2	0.01	72	2	0.03		
		Drinking Water	100.	398	4	0.01	120	4	0.03	180	0	0.00	98	0	0.00		
01034	CHROMIUM, TOTAL	Drinking Water	100.	501	31	0.06	175	4	0.02	205	13	0.06	121	14	0.12		
01040	COPPER, DISSOLVED	Fresh Acute	18.	40 &	24	0.60	5	4	0.80	26	15	0.58	9	5	0.56		
		Drinking Water	1300.	44	0	0.00	5	0	0.00	30	0	0.00	9	0	0.00		
01042	COPPER, TOTAL	Fresh Acute	18.	507 &	202	0.40	177	55	0.31	208	92	0.44	122	55	0.45		
		Drinking Water	1300.	508	1	0.00	177	0	0.00	209	1	0.00	122	0	0.00		
		Marine Acute	2.9	1 &	1	1.00	1	1	1.00								
01049	LEAD, DISSOLVED	Fresh Acute	82.	44	10	0.23	5	0	0.00	30	7	0.23	9	3	0.33		
		Drinking Water	15.	42 &	14	0.33	5	0	0.00	28	9	0.32	9	5	0.56		
01051	LEAD, TOTAL	Fresh Acute	82.	501	49	0.10	172	8	0.05	211	27	0.13	118	14	0.12		
		Drinking Water	15.	404 &	137	0.34	137	29	0.21	166	77	0.46	101	31	0.31		
		Marine Acute	220.	3	0	0.00	2	0	0.00	1	0	0.00					

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## EPA Water Quality Criteria Analysis for Entire SAMO Study Area

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
01059 THALLIUM, TOTAL	Fresh Acute	1400.	2	0	0.00				2	0	0.00						
	Drinking Water	2.	2	0	0.00				2	0	0.00						
01065 NICKEL, DISSOLVED	Fresh Acute	1400.	36	1	0.03				25	1	0.04	11	0	0.00			
	Drinking Water	100.	32 &	7	0.22				21	5	0.24	11	2	0.18			
01067 NICKEL, TOTAL	Fresh Acute	1400.	411	1	0.00	133	0	0.00	180	0	0.00	98	1	0.01			
	Drinking Water	100.	411	30	0.07	133	4	0.03	180	15	0.08	98	11	0.11			
	Marine Acute	75.	1	1	1.00	1	1	1.00									
01074 NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Fresh Acute	1400.	4	0	0.00	2	0	0.00	2	0	0.00						
	Drinking Water	100.	4	0	0.00	2	0	0.00	2	0	0.00						
01075 SILVER, DISSOLVED	Fresh Acute	4.1	9 &	7	0.78				5	3	0.60	4	4	1.00			
	Drinking Water	100.	30	0	0.00				22	0	0.00	8	0	0.00			
01077 SILVER, TOTAL	Fresh Acute	4.1	118 &	31	0.26	39	6	0.15	59	20	0.34	20	5	0.25			
	Drinking Water	100.	429	1	0.00	130	0	0.00	197	1	0.01	102	0	0.00			
01079 SILVER, TOTAL RECOVERABLE IN WATER AS AG	Fresh Acute	4.1	4	0	0.00	2	0	0.00	2	0	0.00						
	Drinking Water	100.	4	0	0.00	2	0	0.00	2	0	0.00						
01090 ZINC, DISSOLVED	Fresh Acute	120.	43	13	0.30	5	0	0.00	30	8	0.27	8	5	0.63			
	Drinking Water	5000.	43	2	0.05	5	0	0.00	30	2	0.07	8	0	0.00			
01092 ZINC, TOTAL	Fresh Acute	120.	504	121	0.24	176	26	0.15	210	68	0.32	118	27	0.23			
	Drinking Water	5000.	504	0	0.00	176	0	0.00	210	0	0.00	118	0	0.00			
	Marine Acute	95.	3	0	0.00	2	0	0.00	1	0	0.00						
01094 ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Fresh Acute	120.	4	0	0.00	2	0	0.00	2	0	0.00						
	Drinking Water	5000.	4	0	0.00	2	0	0.00	2	0	0.00						
01097 ANTIMONY, TOTAL	Fresh Acute	88.	6	0	0.00	2	0	0.00	4	0	0.00						
	Drinking Water	6.	6	0	0.00	2	0	0.00	4	0	0.00						
01113 CADMIUM, TOTAL RECOVERABLE IN WATER AS CD	Fresh Acute	3.9	4	0	0.00	2	0	0.00	2	0	0.00						
	Drinking Water	5.	4	0	0.00	2	0	0.00	2	0	0.00						
01114 LEAD, TOTAL RECOVERABLE IN WATER AS PB	Fresh Acute	82.	4	0	0.00	2	0	0.00	2	0	0.00						
	Drinking Water	15.	4	0	0.00	2	0	0.00	2	0	0.00						
01118 CHROMIUM TOTAL RECOVERABLE IN WATER AS C	Drinking Water	100.	4	0	0.00	2	0	0.00	2	0	0.00						
01119 COPPER, TOTAL RECOVERABLE IN WATER AS CU	Fresh Acute	18.	4	4	1.00	2	2	1.00	2	2	1.00						
	Drinking Water	1300.	4	0	0.00	2	0	0.00	2	0	0.00						
01145 SELENIUM, DISSOLVED	Fresh Acute	20.	42	3	0.07	5	0	0.00	28	0	0.00	9	3	0.33			
	Drinking Water	50.	42	3	0.07	5	0	0.00	28	0	0.00	9	3	0.33			
01147 SELENIUM, TOTAL	Fresh Acute	20.	361	11	0.03	117	2	0.02	161	8	0.05	83	1	0.01			
	Drinking Water	50.	361	7	0.02	117	1	0.01	161	5	0.03	83	1	0.01			
	Marine Acute	300.	2	0	0.00	2	0	0.00									
01220 CHROMIUM, HEXAVALENT, DISSOLVED	Fresh Acute	16.	33	9	0.27				24	5	0.21	9	4	0.44			
	Drinking Water	100.	33	5	0.15				24	5	0.21	9	0	0.00			
01291 CYANIDE, FILTERABLE, TOTAL IN WATER	Fresh Acute	22.	9	4	0.44	2	1	0.50	7	3	0.43						
	Drinking Water	200.	9	0	0.00	2	0	0.00	7	0	0.00						
31503 COLIFORM, TOTAL, MEMBRANE FILTER, DELAY.	Other-Hi Lim.	1000.	878 &	716	0.82	320	258	0.81	348	291	0.84	210	167	0.80			
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	832 &	538	0.65	304	193	0.63	329	218	0.66	199	127	0.64			
31625 FECAL COLIFORM, MF	Other-Hi Lim.	200.	73	40	0.55	37	11	0.30	16	12	0.75	20	17	0.85			
32101 BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	37	0	0.00	5	0	0.00	17	0	0.00	15	0	0.00			
32102 CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	37	0	0.00	5	0	0.00	17	0	0.00	15	0	0.00			
	Drinking Water	5.	37	0	0.00	5	0	0.00	17	0	0.00	15	0	0.00			
32104 BROMOFORM, WHOLE WATER	Drinking Water	100.	36	0	0.00	4	0	0.00	17	0	0.00	15	0	0.00			
32105 DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	36	0	0.00	4	0	0.00	17	0	0.00	15	0	0.00			
32106 CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	37	0	0.00	5	0	0.00	17	0	0.00	15	0	0.00			
	Drinking Water	100.	37	0	0.00	5	0	0.00	17	0	0.00	15	0	0.00			
34010 TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	36	0	0.00	4	0	0.00	17	0	0.00	15	0	0.00			
	Drinking Water	1000.	36	0	0.00	4	0	0.00	17	0	0.00	15	0	0.00			
34205 ACENAPHTHENE, TOTAL	Fresh Acute	1700.	9	0	0.00	2	0	0.00	7	0	0.00						
34301 CHLOROBENZENE, TOTAL	Drinking Water	100.	36	0	0.00	4	0	0.00	17	0	0.00	15	0	0.00			
34357 ENDOSULFAN, BETA, DISSOLVED	Fresh Acute	0.22	89 &	0	0.00	28	0	0.00	37	0	0.00	24	0	0.00			
34362 ENDOSULFAN, ALPHA, DISSOLVED	Fresh Acute	0.22	89 &	0	0.00	28	0	0.00	37	0	0.00	24	0	0.00			
34371 ETHYLBENZENE, TOTAL	Fresh Acute	32000.	36	0	0.00	4	0	0.00	17	0	0.00	15	0	0.00			
	Drinking Water	700.	36	0	0.00	4	0	0.00	17	0	0.00	15	0	0.00			
34376 FLUORANTHENE, TOTAL	Fresh Acute	3980.	9	0	0.00	2	0	0.00	7	0	0.00						
34386 HEXACHLOROCYCLOPENTADIENE	Fresh Acute	7.	9	0	0.00	2	0	0.00	7	0	0.00						
34386 HEXACHLOROCYCLOPENTADIENE, TOTAL	Drinking Water	50.	9	0	0.00	2	0	0.00	7	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



## EPA Water Quality Criteria Analysis for Entire SAMO Study Area

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
34391	HEXACHLOROBUTADIENE, TOTAL	Fresh Acute	90.	9	0	0.00	2	0	0.00	7	0	0.00					
34396	HEXACHLOROETHANE, TOTAL	Fresh Acute	980.	9	0	0.00	2	0	0.00	7	0	0.00					
34408	ISOPHORONE, TOTAL	Fresh Acute	117000.	9	0	0.00	2	0	0.00	7	0	0.00					
34423	METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	37	4	0.11	5	2	0.40	17	0	0.00	15	2	0.13		
34447	NITROBENZENE, TOTAL	Fresh Acute	27000.	9	0	0.00	2	0	0.00	7	0	0.00					
34452	PARACHLOROMETA CRESOL, TOTAL	Fresh Acute	30.	9	0	0.00	2	0	0.00	7	0	0.00					
34461	PHENANTHRENE, TOTAL	Fresh Acute	30.	9	0	0.00	2	0	0.00	7	0	0.00					
34475	TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	37	0	0.00	5	0	0.00	17	0	0.00	15	0	0.00		
		Drinking Water	5.	37	3	0.08	5	0	0.00	17	1	0.06	15	2	0.13		
34501	1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	37	0	0.00	5	0	0.00	17	0	0.00	15	0	0.00		
34506	1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	36	0	0.00	4	0	0.00	17	0	0.00	15	0	0.00		
34511	1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	36	0	0.00	4	0	0.00	17	0	0.00	15	0	0.00		
34531	1,2-DICHLOROETHANE, TOTAL	Fresh Acute	118000.	37	0	0.00	5	0	0.00	17	0	0.00	15	0	0.00		
		Drinking Water	5.	37	0	0.00	5	0	0.00	17	0	0.00	15	0	0.00		
34536	1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	30	0	0.00	5	0	0.00	10	0	0.00	15	0	0.00		
34541	1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	36	0	0.00	4	0	0.00	17	0	0.00	15	0	0.00		
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	36	0	0.00	4	0	0.00	17	0	0.00	15	0	0.00		
34551	1,2,4-TRICHLOROBENZENE, TOTAL	Drinking Water	70.	9	0	0.00	2	0	0.00	7	0	0.00					
34566	1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	29	0	0.00	4	0	0.00	10	0	0.00	15	0	0.00		
34571	1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	33	0	0.00	7	0	0.00	11	0	0.00	15	0	0.00		
34586	2-CHLOROPHENOL, TOTAL	Fresh Acute	4380.	9	0	0.00	2	0	0.00	7	0	0.00					
34601	2,4-DICHLOROPHENOL, TOTAL	Fresh Acute	2020.	9	0	0.00	2	0	0.00	7	0	0.00					
34606	2,4-DIMETHYLPHENOL, TOTAL	Fresh Acute	2120.	9	0	0.00	2	0	0.00	7	0	0.00					
34611	2,4-DINITROTOLUENE, TOTAL	Fresh Acute	330.	9	0	0.00	2	0	0.00	7	0	0.00					
34694	PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	Fresh Acute	10200.	18	0	0.00	4	0	0.00	14	0	0.00					
34696	NAPHTHALENE, TOTAL	Fresh Acute	2300.	9	0	0.00	2	0	0.00	7	0	0.00					
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	9	0	0.00	2	0	0.00	7	0	0.00					
39045	2,4,5-TP INCLUDES ACIDS & SALTS WATER SA	Drinking Water	50.	7	0	0.00	2	0	0.00	5	0	0.00					
39055	SIMAZINE IN WHOLE WATER	Drinking Water	4.	37	0	0.00	14	0	0.00	11	0	0.00	12	0	0.00		
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	Fresh Acute	2000.	10	0	0.00	3	0	0.00	7	0	0.00					
		Drinking Water	6.	10	3	0.30	3	2	0.67	7	1	0.14					
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	37	0	0.00	5	0	0.00	17	0	0.00	15	0	0.00		
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	37	0	0.00	5	0	0.00	17	0	0.00	15	0	0.00		
		Drinking Water	5.	37	2	0.05	5	0	0.00	17	1	0.06	15	1	0.07		
39300	P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	135	1	0.01	48	0	0.00	56	0	0.00	31	1	0.03		
39310	P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	126 &	0	0.00	46	0	0.00	49	0	0.00	31	0	0.00		
39320	P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	45	0	0.00	18	0	0.00	20	0	0.00	7	0	0.00		
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	154	0	0.00	51	0	0.00	66	0	0.00	37	0	0.00		
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	73	0	0.00	24	0	0.00	36	0	0.00	13	0	0.00		
		Drinking Water	0.2	64 &	1	0.02	22	0	0.00	29	1	0.03	13	0	0.00		
39352	CHLORDANE(TECH MIX & METABS), DISSOLVED	Fresh Acute	2.4	92	0	0.00	30	0	0.00	38	0	0.00	24	0	0.00		
		Drinking Water	2.	92	0	0.00	30	0	0.00	38	0	0.00	24	0	0.00		
39360	DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	57	1	0.02	19	0	0.00	26	0	0.00	12	1	0.08		
39365	DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	59	0	0.00	20	0	0.00	26	0	0.00	13	0	0.00		
39370	DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	68	4	0.06	22	0	0.00	34	3	0.09	12	1	0.08		
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	159	0	0.00	52	0	0.00	71	0	0.00	36	0	0.00		
39388	ENDOSULFAN IN WHOLE WATER SAMPLE	Fresh Acute	0.22	52	2	0.04	19	0	0.00	21	1	0.05	12	1	0.08		
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	141 &	1	0.01	47	0	0.00	58	0	0.00	36	1	0.03		
		Drinking Water	2.	152	1	0.01	51	0	0.00	65	0	0.00	36	1	0.03		
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	101	0	0.00	33	0	0.00	45	0	0.00	23	0	0.00		
		Drinking Water	3.	101	0	0.00	33	0	0.00	45	0	0.00	23	0	0.00		
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	144 &	0	0.00	49	0	0.00	59	0	0.00	36	0	0.00		
		Drinking Water	0.4	144 &	0	0.00	49	0	0.00	59	0	0.00	36	0	0.00		
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	151 &	0	0.00	52	0	0.00	62	0	0.00	37	0	0.00		
		Drinking Water	0.2	149 &	0	0.00	50	0	0.00	62	0	0.00	37	0	0.00		
39540	PARATHION IN WHOLE WATER SAMPLE	Fresh Acute	0.065	27	0	0.00	11	0	0.00	9	0	0.00	7	0	0.00		
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE	Drinking Water	3.	37	1	0.03	14	0	0.00	11	1	0.09	12	0	0.00		
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	9	0	0.00	2	0	0.00	7	0	0.00					
39782	LINDANE IN WHOLE WATER SAMPLE	Fresh Acute	2.	155	0	0.00	51	0	0.00	67	0	0.00	37	0	0.00		
		Drinking Water	0.2	153 &	3	0.02	49	2	0.04	67	1	0.01	37	0	0.00		
71850	NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	562	12	0.02	194	3	0.02	240	7	0.03	128	2	0.02		

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## EPA Water Quality Criteria Analysis for Entire SAMO Study Area

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----6/01-10/31-----			-----11/01-2/29-----			-----3/01-5/31-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	44.	544	29	0.05	174	6	0.03	243	14	0.06	127	9	0.07			
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	3.3	33	0	0.00	14	0	0.00	12	0	0.00	7	0	0.00			
71890	MERCURY, DISSOLVED	2.4	40	5	0.13	4	0	0.00	27	0	0.00	9	5	0.56			
	Drinking Water	2.	40	5	0.13	4	0	0.00	27	0	0.00	9	5	0.56			
71900	MERCURY, TOTAL	2.4	740 &	44	0.06	287	12	0.04	280	25	0.09	173	7	0.04			
	Fresh Acute	2.4	740 &	44	0.06	287	12	0.04	280	25	0.09	173	7	0.04			
	Drinking Water	2.	740 &	48	0.06	287	13	0.05	280	28	0.10	173	7	0.04			
	Marine Acute	2.1	2	0	0.00	2	0	0.00									
71901	MERCURY, TOTAL RECOVERABLE IN WATER AS HG	2.4	5	0	0.00	2	0	0.00	3	0	0.00						
	Fresh Acute	2.4	5	0	0.00	2	0	0.00	3	0	0.00						
	Drinking Water	2.	5	0	0.00	2	0	0.00	3	0	0.00						
77093	CIS-1,2-DICHLOROETHYLENE, WHOLE WATER	70.	36	0	0.00	4	0	0.00	17	0	0.00	15	0	0.00			
77128	STYRENE, WHOLE WATER	100.	36	0	0.00	4	0	0.00	17	0	0.00	15	0	0.00			
	Drinking Water	100.	36	0	0.00	4	0	0.00	17	0	0.00	15	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

**NPS Servicewide Inventory and Monitoring Program Level I**  
**Water Quality Parameter Inventory Data Evaluation and Analysis:**  
**Missing Level I Groups**

No STORET Data Within the SAMO Study Area Exist for These Groups:

Chlorophyll\*

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\*Not A Priority Parameter

**NPS Servicewide Inventory and Monitoring Program Level I**

**Water Quality Parameter Inventory Data Evaluation and Analysis:**

**Present Level I Groups**

STORET Data Within the SAMO Study Area Exist for These Groups:

		Total Obs.	01/01/85 to 09/02/93	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
<b>Alkalinity</b>						
00410	ALKALINITY, TOTAL (MG/L AS CaCO <sub>3</sub> )	556	51	177	328	99
00440	BICARBONATE ION (MG/L AS HCO <sub>3</sub> )	906	211	501	194	20
00445	CARBONATE ION (MG/L AS CO <sub>3</sub> )	313	9	111	193	18
		1775	271	789	715	137(109) <sup>1</sup>
<b>pH</b>						
00400	PH (STANDARD UNITS)	212	60	70	82	41
00403	PH, LAB (STANDARD UNITS)	1533	251	804	478	107
		1745	311	874	560	148(116) <sup>1</sup>
<b>Conductivity</b>						
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	6	1	0	5	4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	1683	258	849	576	115
		1689	259	849	581	119(116) <sup>1</sup>
<b>Dissolved Oxygen</b>						
00300	OXYGEN, DISSOLVED (MG/L)	1106	41	645	420	38
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION	39	0	27	12	12
		1145	41	672	432	50 (38) <sup>1</sup>
<b>Water Temperature</b>						
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	764	55	394	315	62
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	1256	197	679	380	69
		2020	252	1073	695	131(108) <sup>1</sup>
<b>Flow</b>						
00060	FLOW, STREAM, MEAN DAILY CFS	161	20	20	121	23
00061	FLOW, STREAM, INSTANTANEOUS CFS	341	56	119	166	81
00065	STAGE, STREAM (FEET)	30	0	3	27	12
		532	76	142	314	116(103) <sup>1</sup>
<b>Clarity/Turbidity</b>						
00070	TURBIDITY, (JACKSON CANDLE UNITS)	32	0	21	11	1
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	12	0	0	12	1
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	8	1	4	3	8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	84	0	65	19	11
		136	1	90	45	21 (20) <sup>1</sup>

<sup>1</sup>Since a station can have data for more than one of the parameters in the parameter group, the number in the parenthesis is the number of unique stations having data for this parameter group.

Nitrate/Nitrogen		Total Obs.	01/01/85 to 09/02/93	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00602	NITROGEN, DISSOLVED (MG/L AS N)	1	0	1	0	1
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	19	8	9	2	4
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	1	0	1	0	1
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	506	211	262	33	18
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	722	1	392	329	15
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	267	1	150	116	9
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	880	197	498	185	10
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	15	14	1	0	9
00625	NITROGEN, KJELDAHL, TOTAL (MG/L AS N)	56	0	21	35	1
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	20	0	20	0	5
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	107	44	63	0	26
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	22	0	1	21	2
71850	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	562	136	241	185	10
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	544	10	164	370	73
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	33	0	0	33	1
		3755	622	1824	1309	185(110) <sup>1</sup>
Phosphate/Phosphorus		Total Obs.	01/01/85 to 09/02/93	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	74	0	50	24	12
00665	PHOSPHORUS, TOTAL (MG/L AS P)	2	2	0	0	2
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	14	14	0	0	8
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	174	48	84	42	34
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	1002	188	634	180	11
		1266	252	768	246	67 (44) <sup>1</sup>
Sulfates/Total Dissolved Solids/Hardness		Total Obs.	01/01/85 to 09/02/93	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	1392	221	620	551	95
00945	SULFATE, TOTAL (MG/L AS SO4)	1119	261	589	269	49
00946	SULFATE, DISSOLVED (MG/L AS SO4)	438	1	167	270	58
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), (MG/L)	901	251	523	127	88
		3850	734	1899	1217	290(113) <sup>1</sup>
Bacteria		Total Obs.	01/01/85 to 09/02/93	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
31503	COLIFORM, TOT, MEMBRANE FILTER, DELAY, M-ENDOMED, 35C	881	192	505	184	9
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5C	834	197	493	144	14
31625	FECAL COLIFORM, MF, M-FC, 0.7 UM	73	28	45	0	16
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	924	210	545	169	24
		2712	627	1588	497	63 (25) <sup>1</sup>

<sup>1</sup>Since a station can have data for more than one of the parameters in the parameter group, the number in the parenthesis is the number of unique stations having data for this parameter group.

Toxic Elements		Total Obs.	01/01/85 to 09/02/93	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
01097	ANTIMONY, TOTAL (UG/L AS SB)	6	6	0	0	6
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS AS	4	4	0	0	4
01000	ARSENIC, DISSOLVED (UG/L AS AS)	59	23	13	23	16
01002	ARSENIC, TOTAL (UG/L AS AS)	398	229	135	34	40
00998	BERYLLIUM, TOTAL RECOVERABLE IN WATER AS BE (UG/L)	4	4	0	0	4
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	10	2	0	8	3
01012	BERYLLIUM, TOTAL (UG/L AS BE)	2	2	0	0	2
01025	CADMIUM, DISSOLVED (UG/L AS CD)	44	20	13	11	13
01027	CADMIUM, TOTAL (UG/L AS CD)	512	226	265	21	39
01113	CADMIUM, TOTAL RECOVERABLE IN WATER AS CD (UG/L)	4	4	0	0	4
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	32	19	13	0	8
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	398	191	207	0	19
01034	CHROMIUM, TOTAL (UG/L AS CR)	503	226	256	21	39
01118	CHROMIUM, TOTAL RECOVERABLE IN WATER AS CR (UG/L)	4	4	0	0	4
01220	CHROMIUM, HEXAVALENT, DISSOLVED IN (UG/L AS CR)	33	18	13	2	9
01040	COPPER, DISSOLVED (UG/L AS CU)	44	20	13	11	13
01042	COPPER, TOTAL (UG/L AS CU)	510	227	262	21	40
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU (UG/L)	4	4	0	0	4
01049	LEAD, DISSOLVED (UG/L AS PB)	44	20	13	11	13
01051	LEAD, TOTAL (UG/L AS PB)	504	227	261	16	39
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB (UG/L)	4	4	0	0	4
71890	MERCURY, DISSOLVED (UG/L AS HG)	40	17	13	10	9
71900	MERCURY, TOTAL (UG/L AS HG)	824	225	463	136	43
71901	MERCURY, TOTAL RECOVERABLE IN WATER AS HG (UG/L)	5	5	0	0	5
01065	NICKEL, DISSOLVED (UG/L AS NI)	36	19	17	0	12
01067	NICKEL, TOTAL (UG/L AS NI)	412	190	202	20	20
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI (UG/L)	4	4	0	0	4
00981	SELENIUM, TOTAL RECOVERABLE IN WATER AS SE (UG/L)	4	4	0	0	4
01145	SELENIUM, DISSOLVED (UG/L AS SE)	42	20	13	9	11
01147	SELENIUM, TOTAL (UG/L AS SE)	363	222	119	22	39
01075	SILVER, DISSOLVED (UG/L AS AG)	30	17	13	0	6
01077	SILVER, TOTAL (UG/L AS AG)	429	186	223	20	19
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG (UG/L)	4	4	0	0	4
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS (UG/L)	4	4	0	0	4
01059	THALLIUM, TOTAL (UG/L AS TL)	2	2	0	0	2
01090	ZINC, DISSOLVED (UG/L AS ZN)	43	19	13	11	12
01092	ZINC, TOTAL (UG/L AS ZN)	507	226	260	21	41
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN (UG/L)	4	4	0	0	4
00720	CYANIDE, TOTAL (MG/L AS CN)	129	8	103	18	11
01291	CYANIDE, FILTERABLE, TOTAL IN WATER (UG/L)	9	9	0	0	9
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXT. (UG/L)	37	37	0	0	29
32104	BROMOFORM, WHOLE WATER, (UG/L)	36	36	0	0	28
32102	CARBON TETRACHLORIDE, WHOLE WATER, (UG/L)	37	37	0	0	29
34301	CHLOROBENZENE, TOTAL (UG/L)	36	36	0	0	28
32105	DIBROMOCHLOROMETHANE, WHOLE WATER, (UG/L)	36	36	0	0	28
34311	CHLOROETHANE, TOTAL (UG/L)	36	36	0	0	28
34576	2-CHLOROETHYL VINYL ETHER, TOTAL (UG/L)	36	36	0	0	28
32106	CHLOROFORM, WHOLE WATER (UG/L)	37	37	0	0	28
32101	BROMODICHLOROMETHANE, WHOLE WATER (UG/L)	37	37	0	0	28
34496	1,1-DICHLOROETHANE, TOTAL (UG/L)	36	36	0	0	28
34531	1,2-DICHLOROETHANE, TOTAL (UG/L)	37	37	0	0	29
34501	1,1-DICHLOROETHYLENE, TOTAL (UG/L)	37	37	0	0	29
34541	1,2-DICHLOROPROPANE, TOTAL (UG/L)	36	36	0	0	28
34371	ETHYLBENZENE, TOTAL (UG/L)	36	36	0	0	28
34413	METHYL BROMIDE, TOTAL (UG/L)	36	36	0	0	28

<sup>1</sup>Since a station can have data for more than one of the parameters in the parameter group, the number in the parenthesis is the number of unique stations having data for this parameter group.

Toxic Elements - Continued ...		Total Obs.	01/01/85 to 09/02/93	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
34418	METHYL CHLORIDE, TOTAL (UG/L)	36	36	0	0	28
34423	METHYLENE CHLORIDE, TOTAL (UG/L)	37	37	0	0	28
34506	1,1,1-TRICHLOROETHANE, TOTAL (UG/L)	36	36	0	0	28
34475	TETRACHLOROETHYLENE, TOTAL (UG/L)	37	37	0	0	28
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXT. (UG/L)	36	36	0	0	28
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER (UG/L)	36	36	0	0	28
34516	1,1,2,2-TETRACHLOROETHANE, TOTAL (UG/L)	36	36	0	0	28
34511	1,1,2-TRICHLOROETHANE, TOTAL (UG/L)	36	36	0	0	28
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE (UG/L)	37	37	0	0	29
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE (UG/L)	37	37	0	0	29
34586	2-CHLOROPHENOL, TOTAL (UG/L)	9	9	0	0	9
34601	2,4-DICHLOROPHENOL, TOTAL (UG/L)	9	9	0	0	9
34606	2,4-DIMETHYLPHENOL, TOTAL (UG/L)	9	9	0	0	9
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL), TOTAL (UG/L)	9	9	0	0	9
34616	2,4-DINITROPHENOL, TOTAL (UG/L)	9	9	0	0	9
34591	2-NITROPHENOL, TOTAL (UG/L)	9	9	0	0	9
34646	4-NITROPHENOL, TOTAL (UG/L)	9	9	0	0	9
34452	PARACHLOROMETA CRESOL, TOTAL (UG/L)	9	9	0	0	9
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE (UG/L)	9	9	0	0	9
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTAL (UG/L)	18	18	0	0	9
34621	2,4,6-TRICHLOROPHENOL, TOTAL (UG/L)	9	9	0	0	9
34205	ACENAPHTHENE, TOTAL (UG/L)	9	9	0	0	9
34200	ACENAPHTHYLENE, TOTAL (UG/L)	9	9	0	0	9
34220	ANTHRACENE, TOTAL (UG/L)	9	9	0	0	9
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	9	9	0	0	9
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE, TOTAL (UG/L)	9	9	0	0	9
34247	BENZO-A-PYRENE, TOTAL (UG/L)	9	9	0	0	9
34230	BENZO(B)FLUORANTHENE, WHOLE WATER (UG/L)	9	9	0	0	9
34521	BENZO(GH)PERYLENE1,12-BENZOPERYLENE, TOTAL (UG/L)	9	9	0	0	9
34242	BENZO(K)FLUORANTHENE, TOTAL (UG/L)	9	9	0	0	9
34278	BIS (2-CHLOROETHOXY) METHANE, TOTAL (UG/L)	9	9	0	0	9
34273	BIS (2-CHLOROETHYL) ETHER, TOTAL (UG/L)	9	9	0	0	9
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER (UG/L)	10	10	0	0	9
34636	4-BROMOPHENYL PHENYL ETHER, TOTAL (UG/L)	9	9	0	0	9
34292	N-BUTYL BENZYL PHTHALATE, WHOLE WATER (UG/L)	9	9	0	0	9
34581	2-CHLORONAPHTHALENE, TOTAL (UG/L)	9	9	0	0	9
34641	4-CHLOROPHENYL PHENYL ETHER, TOTAL (UG/L)	9	9	0	0	9
34320	CHRYSENE, TOTAL (UG/L)	9	9	0	0	9
34556	1,2,5,6-DIBENZANTHRACENE, TOTAL (UG/L)	9	9	0	0	9
34536	1,2-DICHLOROBENZENE, TOTAL (UG/L)	30	30	0	0	27
34566	1,3-DICHLOROBENZENE, TOTAL (UG/L)	29	29	0	0	27
34571	1,4-DICHLOROBENZENE, TOTAL (UG/L)	33	33	0	0	28
34631	3,3'-DICHLOROBENZIDINE, TOTAL (UG/L)	9	9	0	0	9
34336	DIETHYL PHTHALATE, TOTAL (UG/L)	9	9	0	0	9
34341	DIMETHYL PHTHALATE, TOTAL (UG/L)	9	9	0	0	9
39110	DI-N-BUTYL PHTHALATE, WHOLE WATER (UG/L)	9	9	0	0	9
34611	2,4-DINITROTOLUENE, TOTAL (UG/L)	9	9	0	0	9
34626	2,6-DINITROTOLUENE, TOTAL (UG/L)	9	9	0	0	9
34596	DI-N-OCTYL PHTHALATE, TOTAL (UG/L)	9	9	0	0	9
34376	FLUORANTHENE, TOTAL (UG/L)	9	9	0	0	9
34381	FLUORENE, TOTAL (UG/L)	9	9	0	0	9
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	9	9	0	0	9
34391	HEXACHLOROBUTADIENE, TOTAL (UG/L)	9	9	0	0	9
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL (UG/L)	9	9	0	0	9
34396	HEXACHLOROETHANE, TOTAL (UG/L)	9	9	0	0	9

<sup>1</sup>Since a station can have data for more than one of the parameters in the parameter group, the number in the parenthesis is the number of unique stations having data for this parameter group.

Toxic Elements - Continued ...		Total Obs.	01/01/85 to 09/02/93	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
34403	INDENO (1,2,3-CD) PYRENE, TOTAL (UG/L)	9	9	0	0	9
34408	ISOPHORONE, TOTAL (UG/L)	9	9	0	0	9
34696	NAPHTHALENE, TOTAL (UG/L)	9	9	0	0	9
34447	NITROBENZENE, TOTAL (UG/L)	9	9	0	0	9
34428	N-NITROSODI-N-PROPYLAMINE, TOTAL (UG/L)	9	9	0	0	9
34433	N-NITROSODIPHENYLAMINE, TOTAL (UG/L)	9	9	0	0	9
34461	PHENANTHRENE, TOTAL (UG/L)	9	9	0	0	9
34469	PYRENE, TOTAL (UG/L)	9	9	0	0	9
34551	1,2,4-TRICHLOROBENZENE, TOTAL (UG/L)	9	9	0	0	9
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	154	103	41	10	20
34253	A-BHC-ALPHA, DISSOLVED (UG/L)	92	92	0	0	6
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER (UG/L)	9	9	0	0	9
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER (UG/L)	101	101	0	0	15
39340	GAMMA-BHC(LINDANE), WHOLE WATER (UG/L)	73	11	45	17	21
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	155	94	45	16	15
34259	DELTA BENZENE HEXACHLORIDE, TOTAL (UG/L)	9	9	0	0	9
46323	3,3'-DICHLOROBENZIDINE, DISSOLVED (UG/L)	92	92	0	0	6
39352	CHLORDANE(TECH MIX & METABS), DISSOLVED (UG/L)	92	92	0	0	6
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	135	103	32	0	15
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	68	9	43	16	20
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	45	13	32	0	11
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	59	0	44	15	12
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	135	103	32	0	15
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	57	0	43	14	11
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	159	102	44	13	23
34361	ENDOSULFAN, ALPHA, TOTAL (UG/L)	9	9	0	0	9
34362	ENDOSULFAN, ALPHA, DISSOLVED (UG/L)	91	91	0	0	6
34356	ENDOSULFAN, BETA, TOTAL (UG/L)	9	9	0	0	9
34357	ENDOSULFAN, BETA, DISSOLVED (UG/L)	91	91	0	0	6
34351	ENDOSULFAN SULFATE, TOTAL (UG/L)	9	9	0	0	9
34352	ENDOSULFAN SULFATE, DISSOLVED (UG/L)	70	70	0	0	6
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	152	102	40	10	19
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	153	102	40	11	20
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	160	102	44	14	24
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE (UG/L)	120	102	8	10	19
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE (UG/L)	120	102	8	10	19
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE (UG/L)	100	100	0	0	15
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE (UG/L)	100	100	0	0	15
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE (UG/L)	100	100	0	0	15
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE (UG/L)	100	100	0	0	15
34671	PCB - 1016, TOTAL (UG/L)	9	9	0	0	9
34672	PCB - 1016, DISSOLVED (UG/L)	91	91	0	0	6
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	101	83	8	10	10
		10505	6441	3452	612	2274 (76) <sup>1</sup>

<sup>1</sup>Since a station can have data for more than one of the parameters in the parameter group, the number in the parenthesis is the number of unique stations having data for this parameter group.



**NPS Servicewide Inventory and Monitoring Program Level I**

**Water Quality Parameter Inventory Data Evaluation and Analysis:**

**Park Summary: Level I Group Currentness and Distribution**

Parameter Group	Total Obs.	Obs. Since 1985	% Obs. Since 1985	Stations Measuring This Group	% of Total Stations Measuring This Group	Obs. Per Station Measuring This Group	Period of Record For This Group	Observations Per Year of Period of Record
Alkalinity	1775	271	15.3	109	70.3	16.3	08/22/51-05/16/91	44.7
pH	1745	311	17.8	116	74.8	15.0	08/22/51-09/02/93	41.5
Conductivity	1689	259	15.3	116	74.8	14.6	08/22/51-09/02/93	40.2
Dissolved Oxygen	1145	41	3.6	38	24.5	30.1	08/03/67-08/05/88	54.5
Water Temperature	2020	252	12.5	108	69.7	18.7	02/06/52-09/02/93	48.6
Flow	532	76	14.3	103	66.5	5.2	12/12/51-09/02/93	12.7
Clarity/Turbidity	136	1	0.7	20	12.9	6.8	01/31/67-05/17/88	6.4
Nitrate/Nitrogen	3755	622	16.6	110	71.0	34.1	08/22/51-09/02/93	89.3
Phosphate/Phosphorus	1266	252	19.9	44	28.4	28.8	11/06/68-09/02/93	51.0
Chlorophyll	0	0	0.0	0	0.0	0.0	No Data For Group	0.0
Sulfates/Total Dissolved Solids/Hardness	3850	734	19.1	113	72.9	34.1	08/22/51-09/02/93	91.6
Bacteria	2712	627	23.1	25	16.1	108.5	07/05/67-05/16/91	113.6
Toxic Elements	10505	6441	61.3	76	49.0	138.2	10/26/70-09/02/93	459.6

**Water Quality Observations**  
**Outside STORET Edit Criteria for SAMO**  
**(Disposition: X = Discarded, Blank = Retained)**

NPS Station ID	Parameter	Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
SAMO0002	00615 NITRITE NITROGEN, TOTAL (MG/L AS N)	880722	0745	7.6800000	21CALAFD	LARTUJ	
SAMO0002	70507 PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	880518	1030	12.6000000	21CALAFD	LARTUJ	
SAMO0002	70507 PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	880623	0730	14.0000000	21CALAFD	LARTUJ	
SAMO0002	71850 NITRATE NITROGEN,TOTAL (MG/L AS NO3)	900612	1010	70.9000000	21CALAFD	LARTUJ	
SAMO0014	00615 NITRITE NITROGEN, TOTAL (MG/L AS N)	840321	1125	50.0200000	21CALAFD	KENPIC	x
SAMO0014	00929 SODIUM, TOTAL (MG/L AS NA)	741220	0800	8000.0000000	21CALAFD	KENPIC	
SAMO0014	00929 SODIUM, TOTAL (MG/L AS NA)	750320	0550	6780.0000000	21CALAFD	KENPIC	
SAMO0014	00929 SODIUM, TOTAL (MG/L AS NA)	900110	0720	6182.0000000	21CALAFD	KENPIC	
SAMO0014	00937 POTASSIUM, TOTAL MG/L AS K)	741220	0800	300.0000000	21CALAFD	KENPIC	
SAMO0014	00937 POTASSIUM, TOTAL MG/L AS K)	750320	0550	263.0000000	21CALAFD	KENPIC	
SAMO0014	00937 POTASSIUM, TOTAL MG/L AS K)	890406		209.0000000	21CALAFD	KENPIC	
SAMO0014	00937 POTASSIUM, TOTAL MG/L AS K)	900110	0720	280.0000000	21CALAFD	KENPIC	
SAMO0014	31673 FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	771227	1100	2100000.0000000	21CALAFD	KENPIC	
SAMO0014	31673 FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	780110	0830	508000.0000000	21CALAFD	KENPIC	
SAMO0014	31673 FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	820302		700000.0000000	21CALAFD	KENPIC	
SAMO0014	31673 FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	820317	1142	763000.0000000	21CALAFD	KENPIC	
SAMO0014	70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	860721	0950	11700.0000000	21CALAFD	KENPIC	
SAMO0014	70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	890512	0720	4748.0000000	21CALAFD	KENPIC	
SAMO0014	70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	890616	0730	4335.0000000	21CALAFD	KENPIC	
SAMO0014	70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	890710	0735	4413.0000000	21CALAFD	KENPIC	
SAMO0014	70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	900110	0720	20024.0000000	21CALAFD	KENPIC	
SAMO0014	70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	910502	0840	4081.0000000	21CALAFD	KENPIC	
SAMO0014	71890 MERCURY, DISSOLVED (UG/L AS HG)	800306	0840	13.0000000	21CALAFD	KENPIC	
SAMO0016	00445 CARBONATE ION (MG/L AS CO3)	861103	1400	133.0000000	21CAL-4	WB0441110182950	
SAMO0018	00608 NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	840222	0940	60.0800000	21CALAFD	STMSHO	
SAMO0018	00680 CARBON, TOTAL ORGANIC (MG/L AS C)	830124	1236	118.0000000	21CALAFD	STMSHO	
SAMO0018	01005 BARIUM, DISSOLVED (UG/L AS BA)	800215	1430	3210.0000000	21CALAFD	STMSHO	
SAMO0018	01007 BARIUM, TOTAL (UG/L AS BA)	830124	1236	3300.0000000	21CALAFD	STMSHO	
SAMO0018	01007 BARIUM, TOTAL (UG/L AS BA)	830304	1023	2040.0000000	21CALAFD	STMSHO	
SAMO0018	01045 IRON, TOTAL (UG/L AS FE)	820317	1120	167000.0000000	21CALAFD	STMSHO	
SAMO0018	01046 IRON, DISSOLVED (UG/L AS FE)	800215	1430	352200.0000000	21CALAFD	STMSHO	
SAMO0018	01046 IRON, DISSOLVED (UG/L AS FE)	800306	0720	178000.0000000	21CALAFD	STMSHO	
SAMO0018	01056 MANGANESE, DISSOLVED (UG/L AS MN)	800215	1430	5520.0000000	21CALAFD	STMSHO	
SAMO0018	01065 NICKEL, DISSOLVED (UG/L AS NI)	800215	1430	3600.0000000	21CALAFD	STMSHO	
SAMO0018	31673 FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	820317	1120	827000.0000000	21CALAFD	STMSHO	
SAMO0018	71900 MERCURY, TOTAL (UG/L AS HG)	870707	1119	50.2000000	21CALAFD	STMSHO	
SAMO0027	70507 PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	880906	0100	20.1000000	21CALAFD	TOPPAC	
SAMO0028	00680 CARBON, TOTAL ORGANIC (MG/L AS C)	830124	1155	143.0000000	21CALAFD	TOPCAN	
SAMO0028	01007 BARIUM, TOTAL (UG/L AS BA)	810302	0955	4200.0000000	21CALAFD	TOPCAN	
SAMO0028	01045 IRON, TOTAL (UG/L AS FE)	820317	1103	137000.0000000	21CALAFD	TOPCAN	
SAMO0028	01046 IRON, DISSOLVED (UG/L AS FE)	800306	0740	100000.0000000	21CALAFD	TOPCAN	

**Water Quality Observations  
Outside STORET Edit Criteria for SAMO  
(Disposition: X = Discarded, Blank = Retained)**

NPS Station ID	Parameter	Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
SAMO0028	01055 MANGANESE, TOTAL (UG/L AS MN)	811119	0920	5720.0000000	21CALAFD	TOPCAN	
SAMO0028	31673 FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	730116	2030	1000000.0000000	21CALAFD	TOPCAN	
SAMO0028	31673 FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	731201	1340	1840000.0000000	21CALAFD	TOPCAN	
SAMO0028	71900 MERCURY, TOTAL (UG/L AS HG)	710804		20.0000000	21CALAFD	TOPCAN	
SAMO0028	71900 MERCURY, TOTAL (UG/L AS HG)	710901		40.0000000	21CALAFD	TOPCAN	
SAMO0028	71900 MERCURY, TOTAL (UG/L AS HG)	720706	0645	20.0000000	21CALAFD	TOPCAN	
SAMO0055	00605 NITROGEN, ORGANIC, TOTAL (MG/L AS N)	750924		80.0000000	112WRD	10278300	x
SAMO0055	00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	750924		80.0000000	112WRD	10278300	
SAMO0059	70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	820728	1015	6500.0000000	112WRD	340205118405301	
SAMO0061	71890 MERCURY, DISSOLVED (UG/L AS HG)	800306	0805	12.0000000	21CALAFD	MALCRO	
SAMO0061	71900 MERCURY, TOTAL (UG/L AS HG)	730801	0725	20.0000000	21CALAFD	MALCRO	
SAMO0088	00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	820318	1100	0.0000000	112WRD	340655118451801	x
SAMO0088	00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	830713	1715	0.0000000	112WRD	340655118451801	x
SAMO0088	00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	840724	0900	0.0000000	112WRD	340655118451801	x
SAMO0103	00608 NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	900523	1215	26.0000000	112WRD	341657118484101	
SAMO0131	31673 FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	820317	1715	1100000.0000000	112WRD	340313118574701	



## **APPENDICES**



**Appendix A**  
**Computer Files Transmitted With**  
**Park Baseline Water Quality Data Inventory and Analysis**

Computer disk(s) accompanying this report include up to seven (depending on the presence or absence of certain data elements) compressed (ZIP) files containing digital copies of nearly all the tables, figures, and other materials used to produce this report. To decompress these files, you must use the commonly available shareware program PKUNZIP. The command to type at the DOS prompt is:

PKUNZIP -E *COMPRESS.ZIP FILENAME.EXT*

where *COMPRESS.ZIP* is the name of one of the seven compressed (ZIP) files listed below and *FILENAME.EXT* is the name of the file you wish to extract. If you want to decompress all of the files in *COMPRESS.ZIP*, simply omit the *FILENAME.EXT*. To obtain a listing of all the files compressed into a particular ZIP file, type the following:

PKUNZIP -V *COMPRESS.ZIP* |MORE

where *COMPRESS.ZIP* is the name of one of the seven compressed ZIP files listed below. If a ZIP file spans multiple disks, use the last disk of the series (span) when obtaining a listing of all the files compressed into a particular ZIP file. Once you see the file you wish to obtain, substitute this file name for *FILENAME.EXT* in the first command line above to extract and decompress this particular file.

Included on one of the disk(s) accompanying this report is a program named PRINTZIP. This program will decompress ZIP files which don't span multiple disks and print certain files to a Hewlett-Packard (or compatible) Laser Printer. To use PRINTZIP, however, you must still have a copy of PKUNZIP in a directory listed in your path or in the same directory as the PRINTZIP program. PRINTZIP provides an easy, menu-driven interface for using PKUNZIP to decompress files and then send them to the printer. PRINTZIP allows you to send individual files, groups of files, or all files to the printer. PRINTZIP will not work with ZIP files that span multiple disks.

The following compressed (ZIP) files are included on the disk(s) accompanying this report:

(1)     SAMOTABS.ZIP

This compressed file contains all the tables presented in the report. The files compressed into this file include:

- (a) SAMOSITE.DOC     -     Descriptive listing of select fields from the industrial facilities discharges, drinking water intakes, and EPA-USGS stream gages databases.
- (b) SAMOAGNC.DOC    -     Contacts for agencies whose data were retrieved within the study area.
- (c) SAMOAGNQ.DOC    -     Number of stations, observations, and parameters retrieved by agency code within the study area and park.

- (d) SAMOOV0.DOC - Overview of park and retrieved data.
- (e) SAMOOV1.DOC - Station period of record table.
- (f) SAMOOV2.DOC - Parameter period of record table.
- (g) SAMOOV3.DOC - Station/parameter period of record table.
- (h) SAMOINV.DOC - Station by station descriptive statistics over the entire period of record and comparison against EPA Water Quality Criteria for each station.
- (i) SAMOSEAN.DOC - Seasonal and annual water quality descriptive statistics at stations with water quality data meeting the default seasonal and annual criteria.
- (j) SAMOEPAS.DOC - EPA Water Quality Criteria comparison for data at all stations combined within the study area.
- (k) SAMOIDEA.DOC - Comparison of downloaded STORET data with NPS Servicewide Inventory and Monitoring Program "Level I" water quality parameters.
- (l) SAMOBAD.DOC - Water quality observation values that were outside the range of one of 190 STORET edit criteria and were either discarded or retained.

All these compressed document files are in ASCII format and contain printer codes appropriate to Hewlett-Packard (or compatible) Laser Printers. While at the DOS prompt, any of these document files may be printed directly to a Hewlett-Packard (or compatible) Laser Printer by using the PRINT command. For example, if the document SAMOOV1.DOC is in the subdirectory C:\WATER, you could type: PRINT C:\WATER\SAMOOV1.DOC. This will print the file to your local or networked Hewlett-Packard (or compatible) Laser Printer attached to parallel port one (LPT1:). Alternatively, you can use the PRINTZIP program to decompress and print any of these files provided the ZIP file doesn't span multiple disks. These ASCII files can also be imported into word-processed documents, but the printer codes will then have to be removed.

## (2) SAMOFIGS.ZIP

This compressed file contains graphics files for all the statistical figures (time series plots; annual box and whiskers plots; seasonal box and whiskers plots) in the report in two different formats: Computer Graphic Metafile (CGM) and Hewlett-Packard Printer Control Language (PCL). The files are named with the last three digits of the Station Name followed by the five digit STORET code. The file name extension begins with either a 1 (time series), 2 (annual), or 3 (seasonal) and then either GM for CGM or CL for PCL. For example, 00100300.2GM would denote the file contains an annual box and whiskers plot in CGM format for parameter 00300 (dissolved oxygen) at station SAMO0001. While at the DOS prompt, any PCL file can be printed directly to a Hewlett-Packard (or compatible) Laser Printer by using the COPY command. For example, if the graphic 00100300.2CL (an annual box and whiskers plot of parameter 00300, dissolved oxygen, at station SAMO0001) is in the subdirectory C:\WATER, you would type: COPY C:\WATER\00100300.2CL LPT1: /B. This will print the file to your local or networked Hewlett-Packard (or compatible) Laser Printer attached to parallel port one (LPT1:). The /B is necessary because the PCL file is in a binary format. Alternatively, you can use the PRINTZIP program to decompress and print any of the PCL files provided the ZIP file doesn't span multiple disks. The CGM files can be imported and/or edited in most graphics packages, including WordPerfect.



(3) SAMOPARM.ZIP

This file compresses SAMOPARM.DBF which contains all the actual values (raw data) of all the water quality data downloaded from STORET and summarized in the report. The detailed database structure for this file is contained in Appendix B.

(4) SAMOSITE.ZIP

This compressed file contains up to five geo-referenced, DBASE III+ compatible site (point location) files documenting the location in the study area of water quality monitoring stations, industrial facilities discharges, drinking water intakes, water gages, and water impoundments. These files include:

- (a) SAMOWQ.DBF - All water quality monitoring station locations within the project's study area downloaded from STORET.
- (b) SAMOIFD.DBF - All municipal and industrial facility discharges within the project's study area downloaded from the IFD database.
- (c) SAMODRIN.DBF - All drinking water intakes within the project's study area downloaded from the DRINKS database.
- (d) SAMOGAGE.DBF - All water gages within the project's study area downloaded from the GAGES database.
- (e) SAMODAMS.DBF - All water impoundments within the project's study area downloaded from the DAMS database.

The absence of any of these files indicates that none of the particular sites were found within the study area. Detailed database structures for each of these files are contained in Appendix B.

(5) SAMOMISC.ZIP

This compressed file contains a variety of graphic and document files that are contained in the report. They are grouped into this miscellaneous compressed (ZIP) file because they don't fit neatly into any of the other compressed files. The files contained in this compressed file include:

- (a) SAMOEXEC.DOC - WordPerfect Ver. 5.1 copy of the Executive Summary in the report.
- (b) SAMOTOC.DOC - WordPerfect Ver. 5.1 copy of the report's Table of Contents.
- (c) INTRO.DOC - WordPerfect Ver. 5.1 copy of all the text in the report from the Introduction through the Interpretive Guide to Water Quality Results.
- (d) APPENDIX.DOC - WordPerfect Ver. 5.1 copy of all the Appendices in the report.
- (e) SAMOREGI - PCL and CLP (Windows Clipboard) copies of map displaying the regional location of the park and study area.
- (f) SAMOWQ - PCL and CLP (Windows Clipboard) copies of park maps displaying water quality station locations within the park's study area. If, due to scaling and aesthetic concerns, multiple maps were needed, these files will have alphabetically ordered suffixes (SAMOWQA, SAMOWQB, SAMOWQC, etc.) and the index map name will end with an ampersand (&).

- (g) SAMOIDG - PCL and CLP (Windows Clipboard) copies of park maps displaying locations of industrial facilities discharges, drinking water intakes, and stream gages within the park's study area. If, due to scaling and aesthetic concerns, multiple maps were needed, these files will have alphabetically ordered suffixes (SAMOIDGA, SAMOIDGB, SAMOIDGC, etc.) and the index map name will end with an ampersand (&). If no industrial facilities discharges, drinking water intakes, water gages, or water impoundments exist within the park's study area, these files will not be in the compressed (ZIP) file.
- (h) SAMOSEHY - PCL and CLP (Windows Clipboard) copies of the hydrographs or other materials used by WRD staff as the basis for a first attempt at a seasonal analysis of the park's water quality data.

Other materials may also be included in this miscellaneous compressed (ZIP) file as warranted by conditions at the park. As with SAMOFIGS.ZIP and SAMOTABS.ZIP, you can use the PRINTZIP program to print any of the PCL files in SAMOMISC.ZIP provided the ZIP file doesn't span multiple disks. You should not, however, use PRINTZIP to print the WordPerfect document files. The CLP (Windows Clipboard) files can be imported (pasted) and/or edited in most Windows-based word processors and graphics packages.

(6) SAMORF3.ZIP

This compressed file contains the Environmental Protection Agency's River Reach File Ver. 3.0 provisional data for the USGS catalog unit(s) encompassing the study area. The attribute data exist in both ASCII and DBASE III+ format, while the geographic traces exist in ASCII format. This compressed file contains four files for each catalog unit that touches the study area. Catalog units are identified by unique 8-character numeric names which identify the region, subregion, accounting unit, and catalog unit. Examples (your 8-character numeric names will be different) of the file types included in this compressed file are:

- (a) 12345678.RF3 - ASCII formatted attribute file from the River Reach File for all hydrographic traces within the catalog unit.
- (b) 12345678.DBF - DBASE III+ formatted attribute file from the River Reach File for all hydrographic traces within the catalog unit.
- (c) 12345678.TRC - ASCII formatted geographic file from the River Reach File containing digital, geo-referenced descriptions of all hydrographic traces within the catalog unit at a scale of 1:100,000 suitable for import into a geographic information system.
- (d) 12345678.CUB - ASCII formatted geographic file from the River Reach File containing a digital, geo-referenced description of the catalog unit boundary suitable for import into a geographic information system.

Detailed database structures for RF3-related files are contained in Appendix B.

(7) SAMOWQMW.ZIP

Between 2000 and 2002, all Baseline Water Quality Data Inventory and Analysis Reports were compiled or re-compiled in Microsoft Word 2000 (Ver. 9.0) format. This complete, digital version of the report will be made available through various means, including the Internet. Although the reports can be opened in Microsoft Word 1997 (Ver. 8.0), the time series and annual and seasonal box-plots may not be centered appropriately on a page due to discrepancies with how Word 2000 formats pictures and how Word 1997 formatted pictures. Consequently, Word 2000 is the recommended software for viewing the report. Prior to printing the report from Word, be sure to enable “Print Text as Graphics” or “Print True Type Font as Graphics” in the Printer Properties. This ensures a more faithful reproduction of the maps included in the Word document.

The Microsoft Word version of the Baseline Water Quality Data Inventory and Analysis Report may differ slightly from the original analog version. Reports issued during 1994-1996 didn’t have as many “bells-and-whistles” as subsequent reports. In compiling digital Microsoft Word versions of these earlier reports, attempts were made to bring these 1994-1996 reports up to the current standard wherever feasible and practicable. Unfortunately, some changes were not feasible or practicable. For example, water quality criteria screens were added or modified over time when newer criteria became available. The digital Microsoft Word version of Appendix F presents the latest criteria screening parameters and values. Some of these parameters and/or values may not have been screened against in the EPA water quality criteria analyses for each station and the entire study area in the 1994-1996 analog versions of the report. Similarly, the Introduction, Methodology, and Interpretive Guide to Water Quality Results may mention certain features that aren’t included in the 1994-1996 reports. Additionally, to prepare a Microsoft Word version of this report, data were processed through different versions of software than used originally. Consequently, some results presented in the Overview and Executive Summary may differ slightly from those presented in the analog report (eg. # of In Park and Longer Term Stations).



## Appendix B

### Water Quality Database File Structures

The following table provides the DBASE III+ database field structure for all the water quality parameter data downloaded from STORET. This data will allow parks or other interested parties to replicate the statistical analyses and graphics contained in this report; perform more sophisticated analyses; or to establish a baseline park water quality database.

<b><u>Parameter Data File: SAMOPARM.DBF in SAMOPARM.ZIP</u></b>				
<b>Field Name</b>	<b>Start</b>	<b>Stop</b>	<b>Length</b>	<b>Field Description</b>
NPSSTATID	1	8	8	NPS Station ID (NPS park code + 4 digit sequence number)
BEGDATE	9	14	6	Measurement Start Date [yymmdd]
BEGTIME	15	18	4	Measurement Start Time [hhmm]
PARMCODE	19	23	5	STORET Parameter Code
PARMVALU	24	39	16.7	Parameter Value
REMARK	40	40	1	Parameter Remark Value
				A=Value is Mean of 2 or More Determinations
				B=Results Based Upon Colony Counts Outside Acceptable Range
				C=Value Calculated
				D=Field Measurement
				E=Extra Sample Taken in Compositing Process
				F=Female Species
				G=Maximum of 2 or More Determinations
				H=Based on Field Kit Determination
				I=Value is Less Than Practical Quantitation Limit and Greater Than or Equal to the Method Detection Limit
				J=Estimated, Not the Result of Analytic Measurement
				K=Off-scale Low, Actual Value Not Known, But Known to be Less Than Value Shown
				L=Off-scale High, Actual Value Not Known, But Known to be Greater Than Value Shown

Parameter Data File: SAMOPARM.DBF in SAMOPARM.ZIP				
Field Name	Start	Stop	Length	Field Description
				M=Presence Verified, But Not Quantified, Below Quantification Limit; For Species, Male; For Oxygen Reduction Potential, Indicates a Negative Value
				N=Presumptive Evidence of Presence
				O=Analysis Lost
				P=Too Numerous to Count
				Q=Exceeded Normal Holding Time
				R=Significant Rain in Last 48 Hours
				S=Laboratory test
				T=Less Than Detection Criteria
				U=Analyzed For But Not Detected, Value is Detection Limit For Process Used; If Species, Undetermined
				V=Analyte was Detected in Sample and Method Blank
				W=Less Than Lowest Value Reportable Under Remark "T"
				X=Quasi Vertically-Integrated Sample
				Y=Analysis of Unpreserved Sample
				Z=Too Many Colonies Were Present to Count (TNTC), Value Represents Filtration Value
				\$=Calculated By Retrieval Software
MEDIA	41	46	6	Sample Media
DEPTH	47	55	9.3	Depth of Sample [in feet]
ENDDATE	56	61	6	Measurement End Date [yymmdd] [all composite samples]
ENDTIME	62	65	4	Measurement End Time [hhmm] [all composite samples]
SAMPTYPE	66	69	4	Type of Sample ["sophisticated" composite samples]
				C=Continuous Collection
				G=Collection of Individual Grab Samples
				GNxx=xx is the Number of Individual Grab Samples
				B=N/A

<b>Parameter Data File: SAMOPARM.DBF in SAMOPARM.ZIP</b>				
<b>Field Name</b>	<b>Start</b>	<b>Stop</b>	<b>Length</b>	<b>Field Description</b>
COMPTYPE	70	70	1	Composite Value Type ["sophisticated" composite samples]
				A=Average
				H=Maximum
				L=Minimum
				N=Number of Observations
				#=Number of Observations
				S=Standard Deviation
				U=Sum of Squares
				V=Variance
				C=Coefficient of Error
				X=Coefficient of Variance
				E=Skewness
				F=Kurtosis
				Z=Number of Observations That Exceed an Established Limit
				%=Precision
				\$=Accuracy
				B=N/A
				D=Indicates Replicate Sample
COMPST	71	71	1	Composite Space/Time Indicator
				S=Space
				T=Time
				B=Space and Time
				F=Flow Proportional
				1-9=Replicate Number

Note: DBASE III+ record lengths will be one greater than the last stop column displayed (71 here) because DBASE III+ reserves the first space/column of every record for a deletion flag. Hence, DBASE III+ will display a record length of 72 for this database.

The following table provides the DBASE III+ database field structure for all the water quality station locations downloaded from STORET. As this file is geo-referenced, it should import easily into the park's Geographic Information System.

<b>Water Quality Station Data File: SAMOWQ.DBF in SAMOSITE.ZIP</b>				
<b>Field Name</b>	<b>Start</b>	<b>Stop</b>	<b>Length</b>	<b>Field Description</b>
NPSSTATID	1	8	8	NPS Station ID (NPS park code + 4 digit sequence number)
AGENCY	9	16	8	Agency Code of Station Owner
STORIDP	17	31	15	STORET Primary Station Code
STORIDS1	32	43	12	STORET First Secondary Station Code
STORIDS2	44	55	12	STORET Second Secondary Station Code
STORIDS3	56	65	10	STORET Third Secondary Station Code
LATITUDE	66	73	8	Station Latitude [degrees:minutes:seconds]
LONGITUDE	74	82	9	Station Longitude [degrees:minutes:seconds]
LAT	83	93	11.6	Station Latitude [decimal degrees, (-) below equator]
LON	94	104	11.6	Station Longitude [decimal degrees, (-) western hemisphere]
LLPREC	105	105	1	Latitude/Longitude Precision Code
RMI	106	329	224	River Mile Index
STATLOC	330	377	48	Station Location Description
CNTYCODE	378	382	5	FIPS State/County Code
STNAME	383	398	16	State Name
CNTYNAME	399	418	20	County Name
HYDUNIT	419	426	8	Hydrologic Unit Code (MAJ/MIN/SUB = Catalog Unit)
MAJBASN	427	450	24	Major Basin Name
MINBASN	451	490	40	Minor Basin Name
STATTYPE	491	550	60	Station Type
STORDATE	551	556	6	Date Station was Stored in STORET
RF1INDEX	557	567	11	RF1 Reach Number Location [2]
RF1MILE	568	575	8.3	Mile Point on RF1 Reach [2]
RF1LOC	576	578	3	Indicates the Location as ON or OFF RF1 Reach [2]
RF1DIST	579	584	6.2	Distance From RF1 Reach



<b>Water Quality Station Data File: SAMOWQ.DBF in SAMOSITE.ZIP</b>				
<b>Field Name</b>	<b>Start</b>	<b>Stop</b>	<b>Length</b>	<b>Field Description</b>
RF3INDEX	585	601	17	RF3 Reach Number Location [3]
RF3MILE	602	607	6.2	Mile point on RF3 Reach [3]
RF3LOC	608	610	3	Indicates the Location as ON or OFF RF3 Reach [2]
RF3DIST	611	616	6.2	Distance From RF3 Reach
DEPH2O	617	620	4	Depth of Water at Station Location [in feet]
ELEV	621	625	5	Station Elevation
ECOREG	626	628	3	ECO Region
H2OBODY	629	678	50	Waterbody ID
AQUIFERS	679	718	40	Aquifer Description
STATDESC1	719	790	72	Station Sentence Description
STATDESC2	791	862	72	Station Sentence Description
STATDESC3	863	934	72	Station Sentence Description
STATDESC4	935	1006	72	Station Sentence Description
STATDESC5	1007	1078	72	Station Sentence Description
STATDESC6	1079	1150	72	Station Sentence Description
STATDESC7	1151	1222	72	Station Sentence Description
STATDESC8	1223	1294	72	Station Sentence Description
STATDESC9	1295	1366	72	Station Sentence Description
STATDESC10	1367	1438	72	Station Sentence Description
STATDESC11	1439	1510	72	Station Sentence Description
STATDESC12	1511	1582	72	Station Sentence Description
STATDESC13	1583	1654	72	Station Sentence Description
STATDESC14	1655	1726	72	Station Sentence Description
STATDESC15	1727	1798	72	Station Sentence Description
STATLOCKED	1799	1799	1	Station Locked (Logical) True/False

The following table provides the DBASE III+ database field structures for the EPA Industrial Facilities Discharge database. As this file is geo-referenced, it should import easily into the park's Geographic Information System.

<b>Industrial Facilities Discharges File: SAMOIFD.DBF in SAMOSITE.ZIP</b>				
<b>Field Name</b>	<b>Start</b>	<b>Stop</b>	<b>Length</b>	<b>Field Description</b>
SITEID	1	9	9	Site Identifier (NPDES Number)
LATITUDE	10	17	8	Facility Latitude (Degrees:Minutes:Seconds)
LONGITUDE	18	26	9	Facility Longitude (Degrees:Minutes:Seconds)
LAT	27	37	11.6	Facility Latitude (decimal degrees, (-) below equator)
LON	38	48	11.6	Facility Longitude (decimal degrees, (-) west. hem.)
RF1INDEX	49	59	11	RF1 Reach Number Location
RF1MILE	60	65	6.2	Mile Point on RF1 Reach
RF1DIST	66	71	6.2	Distance From RF1 Reach
RF3INDEX	72	88	17	RF3 Reach Number Location
RF3MILE	89	94	6.2	Mile Point on RF3 Reach
RF3DIST	95	100	6.2	Distance From RF3 Reach
ADR	101	125	25	Address
BFL	126	132	7.2	Total Direct Combined C&P Flow (1000 GPD)
CCFLG	133	133	1	Coastal County Flag "Y"/"N"/"E"=Estuary
CC1	134	138	5	City Code #1 (EPA Code)
CFL	139	145	7.2	Total Direct Cooling Flow (1000 GPD)
CNC	146	148	3	County Code (FIPS)
CTY	149	168	20	City Name
CZIP	169	177	9	Canadian Zip Code
DNB	178	186	9	Dunn & Bradstreet Number
DNBFLG	187	187	1	Dunn & Bradstreet PCS Source Flag
EGF	188	202	15.4	Flow From Effluent Guidelines (1000 GPD)
EGS	203	208	6	Effluent Guidelines Subcategory
EXPDT	209	216	8	Expiration Date (mm/dd/yy)
E308SN	217	220	4	Effluent Guidelines Survey Number
FAC	221	229	9	SCS Facility Identifier (Cross-Reference)
FDS	230	232	3	Facility Data Source

<b>Industrial Facilities Discharges File: SAMOIFD.DBF in SAMOSITE.ZIP</b>				
<b>Field Name</b>	<b>Start</b>	<b>Stop</b>	<b>Length</b>	<b>Field Description</b>
FFL	233	239	7.2	Total Facility Flow (1000 GPD)
FHF	240	240	1	Fac. Hit Flag (Reach File) V=Versar Assumed
FLOTYP	241	243	3	I=Blow Down, R=Bottom Ash, S=Fly Ash
FLR	244	250	7.2	Flow Recvd-Industrial (1000 GPD) Permit Data
FRDS	251	259	9	FRDS ID# - XREF To Water Supply
FRW	260	289	30	Facility Receiving Water Name
FS1	290	293	4	Facility SIC Code (From PCS)
FS2	294	297	4	Facility SIC Code #1
FS3	298	301	4	Facility SIC Code #2
FS4	302	305	4	Facility SIC Code #3
FS5	306	309	4	Facility SIC Code #4
FUD	310	317	8	Facility Level Last Date Updated (mm/dd/yy)
IACC	318	318	1	Inactive/Active Indicator ("I" or "A")
ICAT	319	320	2	WQAB Industrial Category
ICAT2	321	322	2	WQAB Industrial Category 2
ICAT3	323	324	2	WQAB Industrial Category 3
IFL	325	331	7	Total Indirect Flow (1000 GPD)
IFT	332	332	1	Illinois Facility Type (A thru Z)
IG1	333	334	2	Facility Industrial Group #1
IG2	335	336	2	Facility Industrial Group #2
IJCN	337	346	10	Canadian Record Identifier
INACT	347	353	7	Inactive/Rescinded P=Based on Permit;A=Actual
INDCNT	354	357	4	Computed Number of Indirect Dischargers
LATLON	358	372	15	Polygon Retrieval Lat/Long.
MAJ	373	373	1	Major-Minor Flag (From PCS)
MAPID	374	377	4	Map Identifier
MJMN	378	381	4	Major/Minor Basin (EPA-STORET)
NAM	382	441	60	Facility Name
NDC	442	444	3	Number of Discharges (Pipes)

<b>Industrial Facilities Discharges File: SAMOIFD.DBF in SAMOSITE.ZIP</b>				
<b>Field Name</b>	<b>Start</b>	<b>Stop</b>	<b>Length</b>	<b>Field Description</b>
NDSFLO	445	451	7.2	NEEDS Flow (1000 GPD)
NDSIFLO	452	458	7.2	NEEDS Industrial Flow (1000 GPD)
NID	459	462	4	Number of Indirect Dischargers
NPC	463	463	1	NEEDS Pre-Treatment Code "Y"=Yes, "N"=No
NPS	464	464	1	NPDES Facility Source/Status
NSN	465	473	9	NEEDS Survey Number
NTC	474	474	1	NEEDS Treatment Code
OCP	475	480	6	Organic Chemical Producers ID Number
ODESCC	481	481	1	ODES Coastal County "Y"=Yes; "N"=No
OFL	482	488	7.2	Total Non-Direct Other Flow (1000 GPD)
OWN	489	491	3	Ownership Code
PFL	492	498	7.2	Total Direct Process Flow (1000 GPD)
REG	499	500	2	EPA Region
REGKEY	501	504	4	Region Key
RSLOFLO	505	511	7.2	Receiving Stream Low Flow
RSMNFLO	512	518	7.2	Receiving Stream Mean Flow
STA	519	520	2	State Postal Abbreviation
STAID	521	535	15	State Identifier
STC	536	537	2	State Code (FIPS)
STCITY	538	544	7	State/City Code
TFLOW	545	551	7.2	Type Flow (1000 GPD)
UFL	552	558	7.2	Total Direct Undefined Flow (1000 GPD)
XEGS	559	561	3	Effluent Guidelines Subcat Index
XKEY	562	562	1	"1","2","3","4","5","6","7","8","9"
XNME	563	565	3	GLP,DIR,F2C,ENF,CET,LAG,PPB,M85,M86
ZIP	566	570	5	Zip Code

The following table provides the DBASE III+ database field structures for drinking water intakes from the EPA DRINKS database. As this file is geo-referenced, it should import easily into the park's Geographic Information System.

<b><u>Drinking Water Intakes File: SAMODRIN.DBF in SAMOSITE.ZIP</u></b>				
<b>Field Name</b>	<b>Start</b>	<b>Stop</b>	<b>Length</b>	<b>Field Description</b>
SITEID	1	20	20	Site Identifier
LATITUDE	21	28	8	Facility Latitude (Degrees:Minutes:Seconds)
LONGITUDE	29	37	9	Facility Longitude (Degrees:Minutes:Seconds)
LAT	38	48	11.6	Facility Latitude (decimal degrees, (-) below equator)
LON	49	59	11.6	Facility Longitude (decimal degrees, (-) west. hem.)
RF1INDEX	60	70	11	RF1 Reach Number Location
RF1MILE	71	76	6.2	Mile Point on RF1 Reach
RF1DIST	77	82	6.2	Distance From RF1 Reach
RF3INDEX	83	99	17	RF3 Reach Number Location
RF3MILE	100	105	6.2	Mile Point on RF3 Reach
RF3DIST	106	111	6.2	Distance From RF3 Reach
AQCD	112	115	4	Aquifer Code
ASC	116	138	23	STORET Agency/Station Code
AVGD	139	142	4	Average Depth
BUY	143	143	1	Purchase Code
CC1	144	148	5	City Code #1 (EPA Code)
CNC	149	151	3	County Code (FIPS)
CNME	152	166	15	Contact Name
CNN	167	186	20	County Name
CTITLE	187	201	15	Contact Title
CTY	202	221	20	City Name
DUD	222	229	8	Date of Update
FRDS	230	238	9	FRDS ID# - Cross-Reference
GEOAG	239	258	20	Geologic Age
GEOCDE	259	261	3	Geologic Age Code
IDAT	262	269	8	Date (mm/dd/yy)

<b><u>Drinking Water Intakes File: SAMODRIN.DBF in SAMOSITE.ZIP</u></b>				
<b>Field Name</b>	<b>Start</b>	<b>Stop</b>	<b>Length</b>	<b>Field Description</b>
INTAKET	270	270	1	Type Source G/S/B
INTRVWR	271	285	15	Interviewer
MAXD	286	289	4	Maximum Depth
MILES	290	296	7.2	Miles
MIND	297	300	4	Minimum Depth
NAME	301	320	20	Name
NPD	321	329	9	NPDES# XREF to IFD Database
NWLS	330	332	3	Number of Wells
OWN	333	335	3	Ownership
PAVGF	336	342	7.2	Production Avg. Daily (Gal/Day)
PCTSUP	343	345	3	%Surface / %Ground
PHONE	346	355	10	Telephone Number
PMAXF	356	362	7.2	Production Max. Daily (Gal/Day)
POPSV	363	371	9	Population Served
REG	372	373	2	EPA Region
SHLAT	374	379	6	Sitehelp Latitude (DDMMSS)
SHLNG	380	386	7	Sitehelp Longitude (DDDMMSS)
SHMILES	387	393	7.2	Sitehelp Miles
SHNME	394	403	10	Sitehelp Source Name
SHPCT	404	410	7.2	Sitehelp Percent of Reach Miles
SRC	411	413	3	Sitehelp Source Code
STA	414	415	2	State Abbreviation
STC	416	417	2	State Code (FIPS)
TUF	418	424	7.2	Total Utility Flow
TYPCDE	425	425	1	Type Code
UHF	426	426	1	Utility Hit Flag (Reach File)
VCDE	427	427	1	Versar Code='V'=>25K; '*'=<25K POPSVD
WFPC	428	428	1	Wellfield Precision Code
WFTYP	429	429	1	Well Type (Cassing,Artesian,Infiltration,etc.)

<b><u>Drinking Water Intakes File: SAMODRIN.DBF in SAMOSITE.ZIP</u></b>				
<b>Field Name</b>	<b>Start</b>	<b>Stop</b>	<b>Length</b>	<b>Field Description</b>
WUN	430	449	20	Water Utility Name

The following table provides the DBASE III+ database field structures for the Water Gage database. As this file is geo-referenced, it should import easily into the park's Geographic Information System.

<b>Water Gage File: SAMOGAGE.DBF in SAMOSITE.ZIP</b>				
<b>Field Name</b>	<b>Start</b>	<b>Stop</b>	<b>Length</b>	<b>Field Description</b>
SITEID	1	20	20	Site Identifier
LATITUDE	21	28	8	Facility Latitude (DDMMSS)
LONGITUDE	29	37	9	Facility Longitude (DDDMMSS)
LAT	38	48	11.6	Facility Latitude (decimal degrees, (-) below equator)
LON	49	59	11.6	Facility Longitude (decimal degrees, (-) west. hem.)
RF1INDEX	60	70	11	RF1 Reach Number Location
RF1MILE	71	76	6.2	Mile Point on RF1 Reach
RF1DIST	77	82	6.2	Distance From RF1 Reach
RF3INDEX	83	99	17	RF3 Reach Number Location
RF3MILE	100	105	6.2	Mile Point on RF3 Reach
RF3DIST	106	111	6.2	Distance From RF3 Reach
JAN	112	118	7.2	Monthly Flow - January
FEB	119	125	7.2	Monthly Flow - February
MAR	126	132	7.2	Monthly Flow - March
APR	133	139	7.2	Monthly Flow - April
MAY	140	146	7.2	Monthly Flow - May
JUN	147	153	7.2	Monthly Flow - June
JUL	154	160	7.2	Monthly Flow - July
AUG	161	167	7.2	Monthly Flow - August
SEP	168	174	7.2	Monthly Flow - September
OCT	175	181	7.2	Monthly Flow - October
NOV	182	188	7.2	Monthly Flow - November
DEC	189	195	7.2	Monthly Flow - December
RGN	196	197	2	Region Code
AREA	198	204	7.2	Drainage Area (SQ.MI.)
DUD	205	212	8	Date of Update



<b>Water Gage File: SAMOGAGE.DBF in SAMOSITE.ZIP</b>				
<b>Field Name</b>	<b>Start</b>	<b>Stop</b>	<b>Length</b>	<b>Field Description</b>
FBCF	213	213	1	Flag - Basic Characteristic File ('Y')
FDFE	214	214	1	Flag - Daily Flows File ('Y')
FQMINV	215	224	10	IHS Pt. Files Index
GHF	225	225	1	Hit Flag (Reach File)
ICDE	226	226	1	Integrity Code
LFVEL	227	233	7.2	Low Flow Velocity
METHOD	234	236	3	Calculation Method Code
MFVEL	237	243	7.2	Mean Flow Velocity
MNFLO	244	250	7.2	USGS Mean Annual Flow
NME	251	298	48	Station Name
SHLAT	299	304	6	Sitehelp Latitude (DDMMSS)
SHLNG	305	311	7	Sitehelp Longitude (DDDMMSS)
SHMILES	312	318	7.2	Sitehelp Miles
SHNME	319	328	10	Sitehelp Source Name
SHPCT	329	335	7.2	Sitehelp Percent of Reach Miles
SITE	336	337	2	Site Location
SRC	338	340	3	Sitehelp Source Code
STCTY	341	345	5	State/County Numeric Code
SVTEN	346	352	7.2	USGS 7-10 Year Flow
BEG_WYR	353	356	4	Beginning Water Year
END_WYR	357	359	4	Ending Water Year
ELEV	361	368	8.2	Elevation (Feet)
WELL_DP	369	376	8.2	Well Depth (Feet)

The following table provides the DBASE III+ database field structures for the Water Impoundment database. As this file is geo-referenced, it should import easily into the park's Geographic Information System.

<b>Water Impoundment File: SAMODAMS.DBF in SAMOSITE.ZIP</b>				
<b>Field Name</b>	<b>Start</b>	<b>Stop</b>	<b>Length</b>	<b>Field Description</b>
SITEID	1	7	7	Site Identifier
SOURCE	8	10	3	Source of Data
ST1	11	12	2	Primary State Code Abbreviation
STCTY1	13	17	5	State/County Numeric Code
NAME	18	47	30	Official Name of Dam
LATITUDE	48	53	6	Facility Latitude (DDMMSS)
LONGITUDE	54	60	7	Facility Longitude (DDDMMSS)
LAT	61	70	10.6	Facility Latitude (decimal degrees, (-) below equator)
LON	71	81	11.6	Facility Longitude (decimal degrees, (-) west. hem.)
INME	82	111	30	Impoundment Name
RNME	112	139	28	River, Stream, or Tributary Name on Which Dam Built
CUSEGMI	140	149	10	Catalog Unit, Segment, and Segment Length
REGN	150	151	2	Water Resources Council Region Code
RGBSN	152	155	4	Water Resources Region/Basin Code
CU	156	163	8	Catalog Unit
SEG	164	166	3	Reach Segment of Dam
SEGL	167	171	5.2	Reach Segment Length
PURP	172	172	1	Major Purpose of Dam
				I=Irrigation
				H=Hydroelectric
				N=Navigation
				S=Water Supply
				R=Recreation
				P=Stock/Farm Pond
				D=Debris Control
				F=Flood Control

<b>Water Impoundment File: SAMODAMS.DBF in SAMOSITE.ZIP</b>				
<b>Field Name</b>	<b>Start</b>	<b>Stop</b>	<b>Length</b>	<b>Field Description</b>
				O=Other
FRF3	173	189	17	RF3 Reach Number Location
FRF3MI	190	194	5	Mile Point on RF3 Reach
PURPKEY	195	195	1	Purpose Key
PUR2	196	196	1	Purpose of Dam 2 (See Above)
PUR3	197	197	1	Purpose of Dam 3 (See Above)
PUR4	198	198	1	Purpose of Dam 4 (See Above)
PUR5	199	199	1	Purpose of Dam 5 (See Above)
PUR6	200	200	1	Purpose of Dam 6 (See Above)
PUR7	201	201	1	Purpose of Dam 7 (See Above)
PUR8	202	202	1	Purpose of Dam 8 (See Above)
PUR9	203	203	1	Purpose of Dam 9 (See Above)
PUR10	204	204	1	Purpose of Dam 10 (See Above)
TYPDAM	205	206	2	Major Dam Portion Type
				RE=Earth
				VA=Vaulted Arch
				CD=Buttress
				PG=Gravity
				ER=Rockfill
				MV=Multi-Arch
				OT=Other
YRCMP	207	210	4	Year Dam Completed
SHGT	211	214	4	Structural Height (Feet)
HHGT	215	218	4	Hydraulic Height (Feet)
VNORM	219	236	8	Normal Storage of Impoundment (Acre-Feet)
VMAX	227	234	8	Maximum Storage of Impoundment (Acre-Feet)
LCRST	235	239	5	Crest Length of Dam (Feet)
TSPL	240	240	1	Spillway Type
				C=Controlled

<b>Water Impoundment File: SAMODAMS.DBF in SAMOSITE.ZIP</b>				
<b>Field Name</b>	<b>Start</b>	<b>Stop</b>	<b>Length</b>	<b>Field Description</b>
				U=Uncontrolled
				N=None
				X=Unknown
WSPL	241	244	4	Dam Spillway Width (Feet)
QMAX	245	251	7	Maximum Spillway Discharge (CFS)
PINS	252	258	7.2	Quantity of Installed Power (Megawatts)
PPRO	259	265	7.2	Quantity of Proposed Power (Megawatts)
LOCK	266	266	1	Number of Navigational Locks
OWNR	267	290	24	Name of Impoundment Owner
PFOWN	291	291	1	Ownership Code
				N=Non-Federal
				G=Federal Government Agency
				C=Corps of Engineers
				X=Unknown
FEDR	292	292	1	Federally Regulated (Y=Yes, N=No, X=Unknown)
FLND	293	293	1	Private Dam on Federal Land (Y=Yes, N=No, X=Unknown)
SCSA	294	294	1	Type of Soil Conservation Service Assistance
				N=No Assistance
				T=Technical Assistance
				F=Financial Assistance
				B=Both Technical and Financial Assistance
				X=Unknown
DHAZ	295	295	1	Degree of Downstream Hazard
				1=High (More than a Few Lives Lost; Excessive Economic Loss)
				2=Significant (A Few Lives Lost; Appreciable Economic Loss)
				3=Low (No Lives Expected Lost; Minimal Economic Loss)
DCITY	296	319	24	Nearest Downstream City

<b><u>Water Impoundment File: SAMODAMS.DBF in SAMOSITE.ZIP</u></b>				
<b>Field Name</b>	<b>Start</b>	<b>Stop</b>	<b>Length</b>	<b>Field Description</b>
POP	320	326	7	Population of Downstream City
DMILE	327	331	5.2	Distance of Downstream City From Dam (Miles)
RET	332	342	11.2	Retention Coefficient (Dimensionless)
MIX	343	353	11.2	Mixing Coefficient (Dimensionless)
SAREA	354	361	8	Surface Area of Impoundment (Acres)
SAFLG	362	362	1	Surface Area Flag (C=Calc., M=Measured, O=Other)
ILNTH	363	367	5	Length of Impoundment (Feet)
ILFLG	368	368	1	Impoundment Length Flag (C=Calc., M=Measured, O=Other)
UPKEY	369	374	6	Update Key (YYMMDD)

The following table provides the ASCII and DBASE III+ database field structures for the EPA River Reach File Ver. 3.0 (1:100,000 scale hydrography) attributes. The actual numeric file names will vary depending on the catalog unit(s). This information can be readily incorporated into the park's Geographic Information System.

<b>RF3 Structure File: 12345678.RF3 and 12345678.DBF in SAMORF3.ZIP</b>				
<b>Field Name</b>	<b>Start</b>	<b>Stop</b>	<b>Length</b>	<b>Field Description</b>
CATUNIT	1	8	8	Cataloging Unit (CU)
SEGM	9	12	4	Segment Number (SEG)
MI	13	17	5.2	Mile Point (MI)
UPMI	18	22	5.2	Upstream Mile Pt.
SEQNO	23	33	11.6	Hydro Sequence No.
RFLAG	34	34	1	Reach Flag (0,1)
OWFLAG	35	35	1	Open Water Flag (0,1)
TFLAG	36	36	1	Terminal Flag (0,1)
SFLAG	37	37	1	Start Flag (0,1)
RCHTYPE	38	38	1	Reach Type Code
LEV	39	40	2	Stream Level
JUNC	41	42	2	Level of Downstream Reach
DIVERGENCE	43	43	1	Divergence Code
STARTCU	44	51	8	Start CU
STRTSG	52	55	4	Start SEG
STOPCU	56	63	8	Stop CU
STOPSG	64	67	4	Stop SEG
USDIR	68	68	1	Upstream Direction
TERMID	69	73	5	Terminal Stream ID
TRMBLV	74	74	1	Terminal Base Level
PNAME	75	104	30	Primary Name
PNMCD	105	115	11	Primary Name Code
CNAME	116	145	30	Complement Name
CNMCD	146	156	11	Complement Name Code

<b>RF3 Structure File: 12345678.RF3 and 12345678.DBF in SAMORF3.ZIP</b>				
<b>Field Name</b>	<b>Start</b>	<b>Stop</b>	<b>Length</b>	<b>Field Description</b>
OWNAME	157	186	30	Open Water Name
OWNMCD	187	197	11	Open Water Name Code
DSCU	198	205	8	Downstream CU
DSSEG	206	209	4	Downstream SEG
DSMI	210	214	5.2	Downstream MI
CCU	215	222	8	Complement CU
CSEG	223	226	4	Complement SEG
CMILE	227	231	5.2	Complement MI
CDIR	232	232	1	Complement Direction
ULCU	233	240	8	Upstream Left CU
ULSEG	241	244	4	Upstream Left SEG
ULMI	245	249	5.2	Upstream Left MI
URCU	250	257	8	Upstream Right CU
URSEG	258	261	4	Upstream Right SEG
URMI	262	266	5.2	Upstream Right MI
SEGL	267	272	6.2	Reach Length (Miles)
RFORGFLAG	273	273	1	RF Orgin flag(1,2,3)
ALTPNMCD	274	281	8	Alt. Primary Name Code
ALTOWNMC	282	289	8	Alt. OW Name Code
DLAT	290	297	8.4	Downstream Latitude
DLONG	298	305	8.4	Downstream Longitude
ULAT	306	313	8.4	Upstream Latitude
ULONG	314	321	8.4	Upstream Longitude
MINLAT	322	329	8.4	Minimum Latitude
MINLONG	330	337	8.4	Minimum Longitude
MAXLAT	338	345	8.4	Maximum Latitude
MAXLONG	346	353	8.4	Maximum Longitude
NDLGREC	354	357	4	No. of DLG Records
LL1KEY1	358	367	10	Starting DLG LL Key1

<b>RF3 Structure File: 12345678.RF3 and 12345678.DBF in SAMORF3.ZIP</b>				
<b>Field Name</b>	<b>Start</b>	<b>Stop</b>	<b>Length</b>	<b>Field Description</b>
LL2KEY1	368	377	10	Ending DLG LL Key1
LL1KEY2	378	387	10	Starting DLG LL Key2
LL2KEY2	388	497	10	Ending DLG LL Key2
LL1KEY3	398	407	10	Starting DLG LL Key3
LL2KEY3	408	417	10	Ending DLG LL Key3
LL1KEY4	418	427	10	Starting DLG LL Key4
LL2KEY4	428	437	10	Ending DLG LL Key4
LL1KEY5	438	447	10	Starting DLG LL Key5
LL2KEY5	448	457	10	Ending DLG LL Key5
LL1KEY6	458	467	10	Starting DLG LL Key6
LL2KEY6	468	477	10	Ending DLG LL Key6
LL1KEY7	478	487	10	Starting DLG LL Key7
LL2KEY7	488	597	10	Ending DLG LL Key7
LL1KEY8	498	507	10	Starting DLG LL Key8
LL2KEY8	508	517	10	Ending DLG LL Key8
LL1KEY9	518	527	10	Starting DLG LL Key9
LL2KEY9	528	537	10	Ending DLG LL Key9
LL1KEY10	538	547	10	Start DLG LL Key 10
LL2KEY10	548	557	10	Ending DLG LL Key10
LN1AT2	558	561	4	DLG Line Attr. 1
LN2AT2	562	565	4	DLG Line Attr. 2
AREA1	566	569	4	DLG Area ID 1
AREA2	570	573	4	DLG Area ID 2
AR1AT2	574	577	4	DLG Area Attribute
AR1AT4	578	581	4	DLG Area Attribute
AR2AT2	582	585	4	DLG Area Attribute
AR2AT4	586	589	4	DLG Area Attribute
UPDATE1	590	595	6	Update Date #1 (mmddyy)
UPDTCD1	596	603	8	Update Type Code #1



<b>RF3 Structure File: 12345678.RF3 and 12345678.DBF in SAMORF3.ZIP</b>				
<b>Field Name</b>	<b>Start</b>	<b>Stop</b>	<b>Length</b>	<b>Field Description</b>
UPDTSRC1	604	611	8	Update Source #1
UPDATE2	612	617	6	Update Date #2 (mmddyy)
UPDTCDC2	618	625	8	Update Type Code#2
UPDTSRC2	626	633	8	Update Source #2
UPDATE3	634	639	6	Update Date #3 (mmddyy)
UPDTCDC3	640	647	8	Update Type Code #3
UPDTSRC3	648	655	8	Update Source #3
DIVCU	656	663	8	Divergent CU
DIVSEG	664	667	4	Divergent SEG
DIVMILE	668	672	5.2	Divergent MI
DLGID	673	678	6	DLG Number Special Use For Internal State Codes
FILLER	678	685	7	Filler: Future Use

**Note:** The structure for the .DBF file varies slightly from the RF3 structure displayed here in that the fields UPDATE1, UPDATE2, and UPDATE3 have a width of 8 and the last two fields, DLGID and FILLER, have been replaced with a field named ID of length 17. This ID field combines the CATUNIT, SEGM, and MI fields.

The following table provides the ASCII database field structures for the EPA River Reach File Ver. 3.0 (1:100,000 scale hydrography) traces. The actual numeric file names will vary depending on the catalog unit(s). This file contains the actual hydrographic network and is suitable for conversion into a variety of Geographic Information System formats.

<b><u>RF3 Trace File: 12345678.TRC in SAMORF3.ZIP</u></b>				
<b>Field Name</b>	<b>Start</b>	<b>Stop</b>	<b>Length</b>	<b>Field Description</b>
(Header Record)				
CATUNIT	1	8	8	Cataloging Unit
SEGM	9	12	4	Segment Number
MI	13	17	5.2	Mile Point
NPTS	18	21	4	Number of Lat/Lon Coordinates
(Coordinate Record)				
LATITUDE	1	8	8.4	Latitude in Decimal
LONGITUDE	9	16	8.4	Longitude in Decimal
FILLER	17	21	5	

The following table provides the ASCII database field structures for the EPA River Reach File Ver. 3.0 (1:100,000 scale hydrography) catalog unit boundary file. The actual numeric file names will vary depending on the catalog unit(s). This file contains the actual catalog unit boundary and is suitable for conversion into a variety of Geographic Information System formats.

<b><u>Catalog Unit Boundary File: 12345678.CUB in SAMORF3.ZIP</u></b>
First Line = Catalog Unit Number (8 Characters)
Subsequent Lines:
L=DDMMSS,L=DDMMSS,L=DDMMSS,L=DDMMSS,L=DDMMSS,L=DDMMSS, ...
Example:
02070010
L=391259,L=0770809,L=391220,L=0770749,L=391147,L=0770715,L=391120,L=0770633,
L=391058,L=0770535,L=391042,L=0770520,L=391016,L=0770427,L=390948,L=0770416,
L=390526,L=0765331,L=390500,L=0765149,L=390456,L=0765139,L=390357,L=0765123,
...
L=390744,L=0771007,L=390826,L=0771022,L=390910,L=0771022,L=390950,L=0771003,
L=391107,L=0770922,
There can be as many as four latitude/longitude pairs per line.

The following table provides the DBASE III+ database field structure of the Water Resources Division's "encyclopedia" file that documents the minimum and maximum parameter values found and the park(s) where they occurred. This file is intended for Water Resources Division internal use, but will be available to anyone upon request after Baseline Water Quality Data Inventory and Analysis reports have been completed for all parks.

<b><u>Encyclopedia File: WRD File For Internal Use Only</u></b>				
<b>Field Name</b>	<b>Start</b>	<b>Stop</b>	<b>Length</b>	<b>Field Description</b>
PARM	1	5	5	STORET Parameter Code
PARMNAME	6	45	40	Parameter Name
MINVAL	46	61	16.7	Minimum Value
MINVALPARK	62	65	4	Park Unit with Minimum Value
MAXVAL	66	71	16.7	Maximum Value
MAXVALPARK	72	75	4	Park Unit with Maximum Value

## Appendix C

### STORET Water Quality Control/Edit Checking

The following table provides the high and low values used by STORET since November 1983 for 190 common water quality parameters to screen or error check data. Data entered into STORET prior to November 1983, however, were not subjected to this edit/bounds check. Additionally, data from the USGS WATSTORE system that is loaded into STORET is never subjected to these edit criteria and agencies entering data in STORET can override these edit criteria to enter data values that fall outside a range. As a consequence, all data downloaded from STORET for the purposes of this project were filtered through these edit criteria to document values outside the generally accepted ranges. Decisions were then made on a case-by-case basis to retain or discard obviously incorrect data. Refer to the Water Quality Observations Outside STORET Edit Criteria section of the Interpretive Guide To Water Quality Results chapter for more information on this subject.

STORET Code	STORET Parameter Description	High Value	Low Value
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	37.0	-2.0
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	98.0	31.0
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	52.0	-40.0
00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	125.0	-40.0
00026	TOXICS-IDENTIFY DATA COLLECTION BY EPA DIRECTIVE	1990.9	1977.0
00032	CLOUD COVER (PERCENT)	101.0	0.0
00035	WIND VELOCITY (MILES PER HOUR)	85.0	0.0
00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	361.0	0.0
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	15.0	0.0
00070	TURBIDITY, (JACKSON CANDLE UNITS)	1500.0	0.0
00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	101.0	0.0
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	500.0	0.0
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	1000.0	0.0
00077	TRANSPARENCY, SECCHI DISC (INCHES)	600.0	0.0
00080	COLOR (PLATINUM-COBALT UNITS)	500.0	0.0
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	500.0	0.0
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	250.0	0.0
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	60000.0	1.0
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	60000.0	1.0
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE (MG/L)	30.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
00300	OXYGEN, DISSOLVED (MG/L)	30.0	0.0
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION%	200.0	0.0
00310	BOD, 5 DAY, 20 DEG C (MG/L)	150.0	0.0
00335	COD, .025N K2CR2O7 (MG/L)	1000.0	0.0
00340	COD, .25N K2CR2O7 (MG/L)	1000.0	0.0
00365	CHLORINE DEMAND, 15 MINUTE (MG/L)	15.0	0.0
00400	PH (STANDARD UNITS)	12.0	0.9
00403	PH, LAB, STANDARD UNITS, (STANDARD UNITS)	12.0	0.9
00405	CARBON DIOXIDE (MG/L AS CO2)	100.0	0.0
00406	PH, FIELD (STANDARD UNITS)	12.0	0.9
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	1000.0	0.0
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	750.0	0.0
00435	ACIDITY, TOTAL (MG/L AS CaCO3)	1000.0	0.0
00436	ACIDITY, MINERAL (METHYL ORANGE) (MG/L AS CaCO3)	1000.0	0.0
00437	ACIDITY, CO2 (PHENOLPHTHALEIN) (MG/L AS CaCO3)	750.0	0.0
00440	BICARBONATE ION (MG/L AS HCO3)	450.0	0.0
00445	CARBONATE ION (MG/L AS CO3)	100.0	0.0
00480	SALINITY - PARTS PER THOUSAND	40.0	0.0
00500	RESIDUE, TOTAL (MG/L)	15000.0	0.0
00505	RESIDUE, TOTAL VOLATILE (MG/L)	10000.0	0.0
00510	RESIDUE, TOTAL FIXED (MG/L)	10000.0	0.0
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C), (MG/L)	20000.0	0.0
00520	RESIDUE, VOLATILE FILTRABLE (MG/L)	10000.0	0.0
00525	RESIDUE, FIXED FILTRABLE (MG/L)	10000.0	0.0
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10000.0	0.0
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10000.0	0.0
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10000.0	0.0
00545	RESIDUE, SETTLEABLE (ML/L)	1000.0	0.0
00546	RESIDUE, SETTLEABLE (MG/L)	1000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC., (MG/L)	250.0	0.0
00600	NITROGEN, TOTAL (MG/L AS N)	100.0	0.0
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	15.0	0.0
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	25.0	0.0
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	20.0	0.0
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	5.0	0.0
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	50.0	0.0
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	50.0	0.0
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	55.0	0.0
00635	NITROGEN, AMMONIA & ORG., TOTAL 1 DET (MG/L AS N)	70.0	0.0
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	30.0	0.0
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	30.0	0.0
00655	PHOSPHATE, POLY (MG/L AS PO4)	30.0	0.0
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	30.0	0.0
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10.0	0.0
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10.0	0.0
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	100.0	0.0
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	100.0	0.0
00685	CARBON, TOTAL INORGANIC (MG/L AS C)	100.0	0.0
00690	CARBON, TOTAL (MG/L AS C)	150.0	0.0
00720	CYANIDE, TOTAL (MG/L AS CN)	10.0	0.0
00745	SULFIDE, TOTAL (MG/L AS S)	1500.0	0.0
00746	SULFIDE, DISSOLVED (MG/L AS S)	1500.0	0.0
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	150.0	0.0
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	5000.0	0.0
00910	CALCIUM (MG/L AS CaCO3)	3000.0	0.0
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	1000.0	0.0
00916	CALCIUM, TOTAL (MG/L AS Ca)	1000.0	0.0
00920	MAGNESIUM (MG/L AS CaCO3)	3000.0	0.0

<b>STORET Code</b>	<b>STORET Parameter Description</b>	<b>High Value</b>	<b>Low Value</b>
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	1000.0	0.0
00927	MAGNESIUM, TOTAL (MG/L AS MG)	1000.0	0.0
00929	SODIUM, TOTAL (MG/L AS NA)	5000.0	0.0
00930	SODIUM, DISSOLVED (MG/L AS NA)	5000.0	0.0
00931	SODIUM ADSORPTION RATIO	50.0	0.0
00935	POTASSIUM, DISSOLVED (MG/L AS K)	175.0	0.0
00937	POTASSIUM, TOTAL MG/L AS K)	175.0	0.0
00940	CHLORIDE, TOTAL IN WATER, (MG/L)	22000.0	0.0
00945	SULFATE, TOTAL (MG/L AS SO4)	2500.0	0.0
00946	SULFATE, DISSOLVED (MG/L AS SO4)	2500.0	0.0
00950	FLUORIDE, DISSOLVED (MG/L AS F)	15.0	0.0
00951	FLUORIDE, TOTAL (MG/L AS F)	15.0	0.0
00955	SILICA, DISSOLVED (MG/L AS SI02)	2000.0	0.0
00956	SILICA, TOTAL (MG/L AS SI02)	2000.0	0.0
01000	ARSENIC, DISSOLVED (UG/L AS AS)	5000.0	0.0
01002	ARSENIC, TOTAL (UG/L AS AS)	5000.0	0.0
01005	BARIUM, DISSOLVED (UG/L AS BA)	2000.0	0.0
01007	BARIUM, TOTAL (UG/L AS BA)	2000.0	0.0
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	2000.0	0.0
01012	BERYLLIUM, TOTAL (UG/L AS BE)	2000.0	0.0
01020	BORON, DISSOLVED (UG/L AS B)	5000.0	0.0
01022	BORON, TOTAL (UG/L AS B)	5000.0	0.0
01025	CADMIUM, DISSOLVED (UG/L AS CD)	500.0	0.0
01027	CADMIUM, TOTAL (UG/L AS CD)	500.0	0.0
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	2000.0	0.0
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	2000.0	0.0
01033	CHROMIUM, TRI-VAL (UG/L AS CR)	2000.0	0.0
01034	CHROMIUM, TOTAL (UG/L AS CR)	2000.0	0.0
01040	COPPER, DISSOLVED (UG/L AS CU)	2000.0	0.0



STORET Code	STORET Parameter Description	High Value	Low Value
01042	COPPER, TOTAL (UG/L AS CU)	5000.0	0.0
01045	IRON, TOTAL (UG/L AS FE)	56000.0	0.0
01046	IRON, DISSOLVED (UG/L AS FE)	56000.0	0.0
01047	IRON, FERROUS (UG/L AS FE)	56000.0	0.0
01049	LEAD, DISSOLVED (UG/L AS PB)	1000.0	0.0
01051	LEAD, TOTAL (UG/L AS PB)	1000.0	0.0
01055	MANGANESE, TOTAL (UG/L AS MN)	5000.0	0.0
01056	MANGANESE, DISSOLVED (UG/L AS MN)	5000.0	0.0
01065	NICKEL, DISSOLVED (UG/L AS NI)	2000.0	0.0
01067	NICKEL, TOTAL (UG/L AS NI)	2000.0	0.0
01075	SILVER, DISSOLVED (UG/L AS AG)	5000.0	0.0
01077	SILVER, TOTAL (UG/L AS AG)	5000.0	0.0
01090	ZINC, DISSOLVED (UG/L AS ZN)	25000.0	0.0
01092	ZINC, TOTAL (UG/L AS ZN)	25000.0	0.0
01105	ALUMINUM, TOTAL (UG/L AS AL)	20000.0	0.0
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	20000.0	0.0
01145	SELENIUM, DISSOLVED (UG/L AS SE)	100.0	0.0
01501	ALPHA, TOTAL	200.0	0.0
01503	ALPHA, DISSOLVED	75.0	0.0
01505	ALPHA, SUSPENDED	150.0	0.0
03501	BETA, TOTAL	3500.0	0.0
03503	BETA, DISSOLVED	3000.0	0.0
03505	BETA, SUSPENDED	1500.0	0.0
09503	RADIUM 226, DISSOLVED	500.0	0.0
13501	STRONTIUM 90, TOTAL	500.0	0.0
22703	URANIUM, NATURAL, DISSOLVED	500.0	0.0
31501	COLIFORM, TOT, MEMBRANE FILTER, IMMED. M-ENDO MED, 35C	24000000.0	0.0
31502	COLIFORM, TOTAL, 10/ML	24000000.0	0.0
31503	COLIFORM, TOT, MEMBR FILTER, DELAYED, M-ENDO MED, 35C	24000000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
31504	COLIFORM, TOT, MEMBR FILTER, IMMED, LES ENDO AGAR, 35C	24000000.0	0.0
31613	FECAL COLIFORM, MEMBR FILTER, M-FC AGAR, 44.5C, 24HR	10000000.0	0.0
31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	10000000.0	0.0
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5C	10000000.0	0.0
31672	FECAL STREPTOCOCCI, PLATE COUNT M-ENTER AGAR, 35C, 48HR	500000.0	0.0
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	500000.0	0.0
31677	FECAL STREPTOCOCCI, MPN, AD-EVA, 35C (TUBE 31678)	500000.0	0.0
31679	FECAL STREPTOCOCCI, MF M-ENTEROCOCCUS AGAR, 35C, 48H	500000.0	0.0
31749	PLATE COUNT, TOTAL, TPC AGAR, 20C, 48 HRS	99999999.0	0.0
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	99999999.0	0.0
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	500.0	0.0
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	750.0	0.0
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	1000.0	0.0
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	200.0	0.0
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	500.0	0.0
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	200.0	0.0
32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	2.0	0.0
32221	CHLOROPHYLL A,% OF(PHEOPHYTIN A+CHL A),SPEC-ACID.	101.0	0.0
32230	CHLOROPHYLL A (MG/L)	0.5	0.0
32231	CHLOROPHYLL B (MG/L)	0.8	0.0
32232	CHLOROPHYLL C (MG/L)	0.2	0.0
32234	CHLOROPHYLL, TOTAL (A+B+C) (MG/L)	1.0	0.0
32270	CHLOROFORM EXTRACTABLES TOTAL IN MG PER LITER	5.0	0.0
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	1500.0	0.0
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	10.0	0.0
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39340	GAMMA-BHC(LINDANE), WHOLE WATER, (UG/L)	20.0	0.0
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATER, (UG/L)	20.0	0.0
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	5.0	0.0
60050	ALGAE, TOTAL (CELLS/ML)	700000.0	0.0
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), (MG/L)	4000.0	0.0
70505	PHOSPHATE, TOTAL,COLORIMETRIC METHOD (MG/L AS P)	10.0	0.0
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10.0	0.0
71850	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	65.0	0.0
71886	PHOSPHORUS, TOTAL, AS PO4 - (MG/L)	30.0	0.0
71890	MERCURY, DISSOLVED (UG/L AS HG)	10.0	0.0
71895	MERCURY, SUSPENDED (UG/L AS HG)	10.0	0.0
71900	MERCURY, TOTAL (UG/L AS HG)	10.0	0.0
74010	IRON, TOTAL (MG/L AS FE)	56000.0	0.0



## Appendix D

### STORET Administrative Parameters

<b>STORET Code</b>	<b>Description of STORET Administrative Parameters</b>
00022	LENGTH OF EXPOSURE OF SAMPLE OR TEST - DAYS
00026	TOXICS-IDENTIFY DATA COLLECTION BY EPA DIRECTIVE
00027	CODE NO FOR AGENCY COLLECTING SAMPLE
00028	CODE NO FOR AGENCY ANALYZING SAMPLE
00029	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE
00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION
00073	SAMPLE LOC CODE DEFINED BY THERMAL STRUCT & DEPTH
00111	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI
00115	SAMPLE TREATMENT CODE (1=RAW,2=TREATED)
00116	INTENSIVE SURVEY IDENTIFICATION NUMBER
00145	TOTAL PRODUCTION OF PRODUCT MANUFACTURED TONS/DAY
01273	TOTAL ACID PRIORITY POLLUTANTS MG/L
01274	TOTAL BASE-NEUTRAL PRIORITY POLLUTANTS MG/L
01275	TOTAL VOLATILE PRIORITY POLLUTANTS MG/L
01365	ANALYSIS DATE (DIOXIN) (YYMMDD)
04177	SAMPLE STABILIZATION, RECOVERY TEST CODE
04178	FIELD PROTOCOL(CONFDNCE ASSIGNED FIELD SAMPLE) CODE
04179	SAMPLE STATION LOCKED CODE
04180	CONDITION OF STATION SITE CODE
04181	LABORATORY QA/QC PLAN CONFIDENCE CODE
04182	SAMPLE TYPE CODE
04183	SAMPLE REMARKS CODE
30333	BAG MESH SIZE, BEDLOAD SAMPLER, MM
34772	NPDES NUMBER, CROSS REFERENCE CODE
34785	GAGE TYPE, METHOD CODE

<b>STORET Code</b>	<b>Description of STORET Administrative Parameters</b>
45575	GC MAKE AND MODEL INFORMATION CODE
45576	GC DETECTOR TYPE CODE
45577	GC COLUMN TYPE CODE
45580	METHOD OF ANALYSIS CODE
45581	LABORATORY LOCATION CODE
46107	SAMPLE LOCATION CODE (TREATMENT PLANT OPERATION)
46390	TOXICITY CHARACTERISTIC LEACHING PROCEDURE P OR F
46396	PROCESS TO SIGNIFICANTLY REDUCE PATHOGENS YES OR NO
46397	PROCESS TO FURTHER REDUCE PATHOGENS YES OR NO
47001	PERMIT EXPIRATION DATE (JULIAN CALENDAR)
47044	OBSERVATIONS,WASTE SITE-SEVERITY OF PROBLEMS CODE
47460	SUBSAMPLE - DECIMAL FRACTION OF WHOLE NUMBER
47477	COMPOSITION AND/OR DISPOSITION OF CATCH NUM CODE
70231	CURRENT DIRECTION (DEGREES FROM DOWNSTREAM FLOW)
71999	SAMPLE PURPOSE CODE
72032	NUMBER OF SPILLWAY GATES OPEN
73672	DATE OF ANALYSIS YYMMDD
73673	DATE OF EXTRACTION YYMMDD
74031	GRANT, PROJECT COST ELIGIBLE FOR CONSTRUCTION
74032	GRANT, AMOUNT OF PL 660 GRANT FOR THIS PROJECT
74033	GRANT, FEDERAL, OTHER THAN PL 660 GRANT
74034	GRANT, FUTURE PL 660 WHICH MAY APPLY TO THIS PROJ
74035	GRANT, TOTAL FEDERAL, WHICH APPLIES TO THIS PROJ
74036	GRANT, PROJ NUMBER ASSIGNED TO THIS APPLICATION
74037	GRANT, TYPE OF PROJECT TO WHICH GRANT APPLIES
74038	GRANT, STATUS OF PROJECT TO WHICH GRANT APPLIES
74039	PCS/STORET WATER QUALITY FILE INTERFACE YR/MO/DAY
74040	SURVEY NUMBER YYMMNO
74041	STORET STORAGE TRANSACTION DATE YR/MO/DAY

<b>STORET Code</b>	<b>Description of STORET Administrative Parameters</b>
74050	RADIOACTIVITY, GENERAL (PERMIT)
74051	ALGICIDES, GENERAL (PERMIT)
74052	CHLORINATED HYDROCARBONS, GENERAL (PERMIT)
74053	PESTICIDES, GENERAL (PERMIT)
74056	COLIFORM, TOTAL, GENERAL (PERMIT)
74065	STREAM FLOW CLASS
74066	ANNUAL RUNOFF
74067	SOIL CLASSIFICATION
74068	WATER QUALITY DESIGNATED USE CLASSIFICATION (IA)
74100	PRIMARY 1972 SIC CODE
74101	SECONDARY 1972 SIC CODE
74102	SECONDARY 1972 SIC CODE
74103	SECONDARY 1972 SIC CODE
74200	SAMPLE PRESERVATION METHODS ONE OR MORE IN COMB.
74205	LAND RESOURCE AREA (IOWA)
74206	SOIL EROSION POTENTIAL (IOWA)
74209	WATER QUALITY INDEX - STATE OF ILLINOIS, EPA
74210	FOREST STREAM WATER QUALITY INDEX CALC. NUMBER
74990	FISH SPECIES NUMERIC CODE - F&W SERVICE
74995	ANATOMY CODE
75000	SPECIES CODE-REMARK=SEX (M=MALE,F=FEMALE,U=UNK.)
81028	WITHDRAWAL OF GROUNDWATER (MILLION GAL/DAY)
82258	WATER CLASSIFICATION CODE (1-9) CODE
82292	DATA RELAY GROUND STATION SOURCE NODE CODE, CODE
82309	CONTAMINATION SOURCE POSSIBLE CODES NUMERIC CODE
82310	DEPTH CONFIDENCE IN REPORTED VALUES NUMERIC CODES
82373	FREQUENCY OF SAMPLING M=MON,Q=QUAR,Y=YR,R=RNFFCODE
82519	DRILLER REGISTRATION NUMBER ALPHA-NUMERIC CODE
82562	NARRATIVE REQUIREMENT EXCEEDANCES INTEGER

<b>STORET Code</b>	<b>Description of STORET Administrative Parameters</b>
82576	DAILY EXCURSION TIME, WATER MIN
82577	MONTHLY EXCURSION TIME, WATER TOTAL MIN
82578	DAY/MAXIMUM EXCURSION TIME, WATER MIN
82579	CODE NUMBER FOR PERSON COLLECTING SAMPLE
84002	CODE, GENERAL INFORMATION - ALPHA, NUMERIC CODE
84003	WATER SHED ID NUMBER (IOWA)
84005	FISH SPECIES CODE-FISH & WILDLIFE SER
84006	OWNERSHIP CLASSIFICATION OF LAKE, ILLINOIS SYSTEM
84010	PUBLIC ACCESS TO LAKE ILLINOIS SYSTEM
84011	CONFIDENCE CODE FOR GLC CONFIRMATION CODE
84012	PATIENT PARAMETERS (AGE, SEX, WT, ETC.) CODE
84013	SAMPLE PARAMETERS D=DESIGN SPECIMEN, S=SURPLUS
84027	CODE NUMBER FOR AGENCY COLLECTING SAMPLE
84028	CODE NO FOR AGENCY ANALYZING SAMPLE
84029	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE FIELD
84033	EGD ANALYTICAL DATA COMPLETENESS Y=YES N=NO CODE
84034	EGD SMPL NO.(SMPL.IDENT) NUMERIC=SCS ALPH+4NUM=JRB
84035	EGD SAMPLE CLASSIFICATION CATEGORY ALPHA CODE
84036	EGD INDUSTRIAL CATEGORY NUMERIC CODE
84037	EGD INDUSTRIAL CATEGORY NAME ALPHA CODE
84038	EGD LABORATORY NUMERIC CODE
84039	EGD LABORATORY NAME ALPHA CODE
84040	EGD SAMPLE STATUS (1-5,9,AND BLANK) NUMERIC CODE
84041	EGD ACID STATUS (1-5,9,AND BLANK) NUMERIC CODE
84042	EGD BASE STATUS (1-5,9AND BLANK) NUMERIC CODE
84043	EGD PESTICIDE STATUS (1-5,9,AND BLANK) NUMERIC CODE
84044	EGD VOA FRACT. STATUS INDICATOR (1-5,9,BLANK) CODE
84045	EGD ACID EXTRACT DATE (YYMMDD) NUMERIC CODE
84046	EGD BASE EXTRACTION DATE (YYMMDD) NUMERIC CODE



<b>STORET Code</b>	<b>Description of STORET Administrative Parameters</b>
84047	EGD PESTICIDE EXTRACTION DATE (YYMMDD) NUMERIC CODE
84048	EGD VOA FRACTION INJECTION DATE YYMMDD NUMERIC CODE
84049	EGD ACID CONC. FACTOR (FIVE NUMERIC DIGITS) CODE
84050	EGD BASE CONC.FACTOR (FIVE NUMERIC DIGITS) CODE
84051	EGD PESTICIDE CONC.FACTOR (FIVE NUMERIC DIGITS) CODE
84052	EGD VOA FRACTION CONC. FACTOR (5 NUMERIC DIGITS) CODE
84053	SAMPLE TYPE AND FREQUENCY OF COLLECTION CODE
84054	LITHOLOGY ALPHA-NUMERIC CODE
84055	AVAILABLE LOGS ALPHA-NUMERIC CODE
84056	WATER USE CATEGORY ALPHA-NUMERIC CODE
84057	INSPECTION TYPE ALPHA-NUMERIC CODE
84058	HYDROGEOLOGIC SYSTEM ALPHA-NUMERIC CODE
84059	WELL OWNERSHIP ALPHA-NUMERIC CODE
84060	TOPOGRAPHY ALPHA-NUMERIC CODE
84061	WELL USE ALPHA-NUMERIC CODE
84062	MEASURING POINT DESCRIPTION ALPHA-NUMERIC CODE
84063	DRILLING METHOD ALPHA-NUMERIC CODE
84064	WELL DATA AVAILABILITY ALPHA-NUMERIC CODE
84065	PERMIT COMPLIANCE DATA ALPHA-NUMERIC CODE
84067	NATURE OF MONITORING ALPHA-NUMERIC CODE
84073	REPLACES EXISTING WELL ALPHA-NUMERIC CODE
84074	AQUIFER TYPE (SEE USGS HANDBOOK) ALPHA CODE
84075	WELL PERMIT NUMBER ALPHA-NUMERIC CODE
84076	TSD MONITORING WELL TYPE ALPHA CODE
84077	TSD MONITORING WELL SAMPLING METHOD ALPHA CODE
84083	POLLUTION VERIFICATION ALPHA CODE
84084	WELL SAMPLE PURPOSE ALPHA CODE
84090	SAMPLE FILE CONTROL PROJECT IDENTIFICATION A-CODE
84091	INFILTRATION DATE/BEGINNING 'YYMMDD'

<b>STORET Code</b>	<b>Description of STORET Administrative Parameters</b>
84092	INFILTRATION DATE/ENDING 'YYMMDD'
84093	ENFORCEMENT FORM #2-C, DATA IDENTIFICATION CODE
84102	SAMPLE SPECIES-SUB ID ALPHA CODE
84103	DIOXIN LABORATORY ALPHA CODE
84104	DIOXIN STUDY ALPHA CODE
84112	SOURCE OF GEOHYDROLOGIC DATA CODE
84119	SOURCE OF EVACUATION DATA CODE
84121	REGULATING AGENCY CODE
84122	SAMPLE PURPOSE CODE
84126	SOURCE OF DEPTH DATA CODE
84127	METHOD OF DEPTH MEASUREMENT CODE
84128	SOURCE OF WATER-LEVEL DATA CODE
84129	DATA QUALITY
84141	LAKE, PHYSICAL CONDITION AT SAMPLE TIME, 1-5, CODE
84142	LAKE, RECREATIONAL SUITABILITY @ SMPL TIME, 1-5, CODE
84164	SAMPLER TYPE, CODE
85300	PROBLEM CODE NES SURVEY
85327	WATER LEVEL AT SAMPLE COLLECTION TIME-CODE-NES
85332	CLOUD COVER AT SAMPLE COLLECTION TIME-CODE-NES
85553	WELL COMPLETION DATE (MONTH/YEAR)
85554	WELL WORKOVER DATE, LATEST (MONTH/YEAR)

## Appendix E

### STORET Parameters Not Suitable for Statistical Analysis

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
00001	X-SEC. LOC., HORIZ (FT. FROM R BANK LOOK UPSTR.)
00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)
00005	X-SEC. LOC., VERTICAL (PERCENT OF TOTAL DEPTH)
00006	DISTANCE FROM LOCATION IN X MILES
00007	DISTANCE FROM LOCATION IN Y MILES
00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE
00009	X-SEC. LOC.(FT FROM LEFT BANK LOOKING DOWNSTRM)
00027	CODE NO FOR AGENCY COLLECTING SAMPLE
00028	CODE NO FOR AGENCY ANALYZING SAMPLE
00033	WEATHER CODE FOR OCEAN-OBSERV. (WMO CODE 4677)
00037	WIND FORCE (BEAUFORT UNITS)
00038	WIND DIRECTION (WMO CODES 0885 + 0887)
00041	WEATHER (WMO CODE 4501)
00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL
00043	CLOUD TYPE (WMO CODE 0500)
00044	CLOUD AMOUNT (WMO CODE 2700)
00047	TOTAL PARTIAL PRESSURE DISSOLVED GASES (MM HG)
00048	TOTAL PARTIAL PRESSURE DISSOLVED GASES (% SAT)
00049	SURFACE AREA IN SQUARE MILES
00050	EVAPORATION, TOTAL (INCHES PER DAY)
00051	SURFACE AREA IN SQUARE FEET
00053	SURFACE AREA, ACRES
00054	RESERVOIR STORAGE - ACRE FEET
00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION
00067	TIDE STAGE

<b>STORET Code</b>	<b>Description of STORET Parameters Not Suitable for Statistical Analysis</b>
00069	SEA WAVES(0=NONE;1=0-3";2=4-20";3=21-48";4=4-8')
00097	SAMPLING STATION LOCATION, VERTICAL (FEET)
00098	SAMPLING STATION LOCATION, VERTICAL (METERS)
00111	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI
00115	SAMPLE TREATMENT CODE (1=RAW,2=TREATED)
01300	OIL-GREASE (SEVERITY)
01305	DETERGENT SUDS (SEVERITY)
01310	GAS BUBBLES (SEVERITY)
01315	SLUDGE, FLOATING (SEVERITY)
01320	GARBAGE, FLOATING (SEVERITY)
01325	ALGAE, FLOATING MATS (SEVERITY)
01330	ODOR, ATMOSPHERIC (SEVERITY)
01331	TASTE (SEVERITY)
01335	SEWAGE SOLIDS, FRESH, FLOATING (SEVERITY)
01340	FISH, DEAD (SEVERITY)
01345	DEBRIS, FLOATING (SEVERITY)
01350	TURBIDITY (SEVERITY)
01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE
01355	ICE COVER, FLOATING OR SOLID (SEVERITY)
03595	BIOASSAY (96 HR), EFFLUENT, TOTAL CODE
03596	BIOASSAY (48 HR), EFFLUENT, TOTAL CODE
03597	BIOASSAY (24 HR), EFFLUENT, TOTAL CODE
03598	TOXICITY, EFFLUENT, TOTAL CODE
03599	TOXICITY, CHOICE OF SPECIES, EFFLUENT CODE
03600	TOXICITY, TROUT, EFFLUENT, TOTAL CODE
03601	TOXICITY, SAND DOLLAR, EFFLUENT CODE
03602	BIOCHEMICAL OXYGEN DEMAND, EFFLUENT, TOTAL CODE
03603	SOLIDS, TOTAL SUSPENDABLE, EFFLUENT, TOTAL CODE
03605	FLOW METER CALIBRATION, WATER CODE

<b>STORET Code</b>	<b>Description of STORET Parameters Not Suitable for Statistical Analysis</b>
03717	ONCORHYNCHUS MYKISS, WATER CODE
04117	TETHER LINE USED FOR COLLECTING SAMPLE CODE
04160	HALOCARBONS, PURGEABLE, SCAN, EFFLUENT CODE
04161	HALOCARBONS, PURGEABLE, SCAN, SLUDGE CODE
04162	AROMATIC, PURGEABLE, SCAN, EFFLUENT CODE
04163	AROMATIC, PURGEABLE, SCAN, SLUDGE CODE
04164	PHENOLIC, TOTAL, SCAN, EFFLUENT CODE
04165	PHENOLIC, TOTAL, SCAN, SLUDGE CODE
04166	PCB, TOTAL, SCAN, EFFLUENT CODE
04167	PCB, TOTAL, SCAN, SLUDGE CODE
04174	FREE LIQUIDS IN SEWAGE SLUDGE CODE
34765	AVIAN NUMERICAL SPECIES CODE (BIRDS)
34766	MAMMALIAN NUMERICAL SPECIES CODE
34771	MACROPHYTE, INSTREAM, VISUAL SIGHTING CODE
34773	ODOR, AMBIENT WATER CODE
34774	FISH, INSTREAM, VISUAL SIGHTING CODE
34775	STREAMBANK CHANNEL ALTERATIONS CODE
34776	HYDRAULIC STRUCTURES, INSTREAM CODE
34780	LAND USE, ADJACENT STREAM CODE
34781	SAMPLE POINTS, # OF LONGTDNL TRANSECTS, REACH CODE
34782	STREAM STAGE TREND CODE
34789	HABITATS, TYPES SAMPLED CODE
45613	FLOATING SOLIDS/VISIBLE FOAM, VISUAL, YES=1, NO=0, CODE
45614	SANITARY WASTE DISCHARGE ASSESSMENT, YES=1, NO=0, CODE
45615	INTERMITTENT DISCHARGE ASSESSMENT, YES=1, NO=0, CODE
46001	WATER APPEARANCE CODE (BASED ON FIELD ASSESSMENT)
46478	EQUIPMENT INSPECTION, VISUAL CODE
46486	TOXICITY, ACUTE 24HR (STATIC) CERIODAPHNIA (P/F) CODE
47454	FLOW METER REVOLUTIONS NUMBER

<b>STORET Code</b>	<b>Description of STORET Parameters Not Suitable for Statistical Analysis</b>
47455	LATITUDE, STARTING, OF A SAMPLE TOW DDMSS
47456	LONGITUDE, STARTING, OF A SAMPLE TOW DDDMMSS
47457	LATITUDE, FINISHING, OF A SAMPLE TOW DDMSS
47458	LONGITUDE, FINISHING, OF A SAMPLE TOW DDDMMSS
47459	LENGTH FREQUENCY NUMBER
47461	TIME THAT THE EQUIPMENT WAS SAMPLING MINUTES
47476	DIRECTION OF TOW IN RELATION TO CURRENT NUM CODE
50044	HYDROGRAPH LIMB, 1BASE, 2RISING, 3PEAK, 4FALLING, CODE
61390	DIATOMS,FIRST DOMINANT SPECIES OF UNITS - CODE
61391	DIATOMS,SECOND DOMINANT SPECIES OF UNITS - CODE
61392	DIATOMS,THIRD DOMINANT SPECIES OF UNITS - CODE
61393	DIATOMS,FOURTH DOMINANT SPECIES OF UNITS - CODE
70220	WAVE DIRECTION (WMO CODES 0885 + 0887)
70222	WAVE HEIGHT (WMO CODE 1555)
70223	WAVE PERIOD (WMO CODE 3155)
71090	BIVALVE SPECIES CODE
71500	EQUITABILITY INDEX,BENTHIC MACROINVER CODE
72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)
72001	DEPTH, TOTAL OF HOLE (FT BELOW LAND SURFACE DATUM)
72002	DEPTH TO TOP OF WATER-BEARING ZONE SAMPLED (FT)
72003	DEPTH TO BOTTOM OF WATER-BEARING ZONE SAMPLED (FT)
72004	PUMP OR FLOW PERIOD PRIOR TO SAMPLING MINUTES
72005	SAMPLE SOURCE CODE (BM WELL DATA)
72006	SAMPLING CONDITION CODE (BM WELL DATA)
72007	FORMATION NAME CODE (BM WELL DATA)
72017	SERIES CODE (BM WELL DATA)
72018	SYSTEM CODE (BM WELL DATA)
72111	DIRECT READOUT GROUND STATN TRANSMIT ERROR CODE NUM
74054	FECAL STREPTOCOCCI, GENERAL (PERMIT)

<b>STORET Code</b>	<b>Description of STORET Parameters Not Suitable for Statistical Analysis</b>
74055	FECAL COLIFORM, GENERAL (PERMIT)
80889	ACTIVATED SLUDGE PROCESS MODIFICATION CODE
81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)
81637	SHELLFISH SPECIES NUMERIC CODE
82289	LAGOON OBSERVATION, VISUAL, Y=YES N=NO CODE
82398	SAMPLING METHOD (CODES)
82524	STORAGE COEFFICIENT NUMERICAL CODE
82923	ATMOSPHERIC DEPOSITION TYPE, WET CODE
83205	ATMOSPHERIC DEPOSITION TYPE, BULK CODE
84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)
84001	AQUIFER NAME CODE (SEE USGS CATALOG)
84004	LAKE TYPE ILLINOIS CLASSIFICATION SYSTEM
84007	ANATOMY ALPHA CODE
84008	LIFE STYLE/HABITAT OF THE INDIVIDUALS IN THE SAMPLE
84009	SHELLFISH SPECIES ALPHANUMERIC CODE
84014	SPECIES SEX CODE
84030	CLOUD AMOUNT ALPHA WEATHER CODES
84031	PHYSICAL WEATHER ALPHA WEATHER CODES
84032	STREAM CONDITION ALPHA WEATHER CODES
84066	OIL AND GREASE, VISUAL, ALPHA-NUMERIC CODE
84068	SERIES CODE ALPHA-NUMERIC CODE
84069	FORMATION CODE ALPHA-NUMERIC CODE
84070	METHOD OF TESTING WELL YIELD ALPHA-NUMERIC CODE
84071	WATER LEVEL MEASUREMENT CONDITIONS ALPHA-NUM CODE
84072	WATER LEVEL MEASUREMENT METHOD ALPHA-NUMERIC CODE
84078	GIARDIA LAMBLIA, 2HSO4 OR SUC GRAD, MICRO, CODE
84079	BACTERIA, CELLUOLYTIC, AEROBIC-ANAEROBIC, RT 5-7, CODE
84080	BACTERIA, HYDROCARBONOCLASTIC, SHAKE INC 32C/WK, CODE
84081	YERSINIA ENTEROCOLITICA, SB BROTH, MAC AGAR,22C, CODE

<b>STORET Code</b>	<b>Description of STORET Parameters Not Suitable for Statistical Analysis</b>
84082	SALMONELLA/SHIGELLA, QUANT OR QUAL, HVF OR SWAB, CODE
84085	ORGANICS, VOLATILE, DETECTED, NUMERIC CODE, CODE
84086	MACROINVERTEBRATE SPECIES NUMERIC CODE
84087	MACROINVERTEBRATE HABITAT CODE
84088	BIOLOGY 1 MACROINVERTEBRATE CODE
84089	BIOLOGY 2 MACROINVERTEBRATE CODE
84094	PHYTOPLANKTON SPECIES CODE, NUMERIC
84095	PHYTOPLANKTON SPECIES CODE, ALPHA
84096	SEVERITY OF NON-PLANKTON ALGAE-MAT COVERAGE CODE
84097	LAGOON MOUTH CONDITION CODE
84098	COLOR OF NON-PLANKTONIC ALGAE CODE
84099	WATER - RELATIVE WATER LEVEL CODE
84100	SEX(1-MALE,2-FEMALE,3-MIXED,4-UNKNOWN) NUM CODE
84101	METAFORM, BENTHIC, ADULT(A), PUPAE(P), LARVAE(L) CODE
84105	OIL-SEPARATOR OBSERVATION ASSESS (0=DID NOT,1=DID)
84106	EVAPORAT/BED OBS ASSESS (0=DID NOT LOOK, 1=DID LOOK)
84107	AREA INSPECTION, VISUAL (0=DID NOT, 1=DID) CODE
84108	DRAIN FIELD INSPECTION ASSESS (0=DID NOT, 1=DID) CODE
84109	SLUDGE BUILD-UP IN WATER (0=DID NOT OBS, 1=OBS) CODE
84110	POND OBSERVATION ASSESS WATER (0=DID NOT, 1=DID) CODE
84111	LITHOLOGIC MODIFIER CODE
84113	WELL INTAKE FINISH CODE
84114	WELL CASING MATERIAL CODE
84115	TYPE OF MATERIAL FROM WHICH OPENING IS MADE CODE
84116	DRILLING FLUID CODE
84117	TYPE OF SURFACE SEAL CODE
84118	METHOD OF DEVELOPMENT CODE
84120	PACKING MATERIAL CODE
84124	METHOD OF EVACUTAION CODE



<b>STORET Code</b>	<b>Description of STORET Parameters Not Suitable for Statistical Analysis</b>
84125	METHOD OF WATER-LEVEL MEASUREMENT CODE
84130	OUTFALL OBSERVATION, VISUAL, Y=YES N=NO CODE
84131	SAMPLING METHOD, CONFIDENCE CODE (A,B,C,D) CODE
84132	STREAMBANK, VEGETATIVE STABILITY RATING CODE
84133	STREAMBANK, STABILITY (BANK EROSION) RATING CODE
84134	PARTICLES, DEGREE SURROUNDED BY FINE SEDIMENT, CODE
84135	STREAMSIDE, (SHORELINE) COVER RATING CODE
84136	CANOPY TYPE CODE
84137	CHANNEL STABILITY RATING CODE (E,G,F,P) CODE
84138	COLIFORM, TOTAL, WATER, WHOLE, MPN, PRES=1, ABSNT=2, CODE
84139	ENTEROBACTER AGGLOMERANS, WTR, MF, PRES=1, ABSNT=2, CODE
84140	KLEBSIELLA PNEUMONIAE, WTR, WH, MF, PRES=1, ABSNT=2, CODE
84143	WELL, PURGING CONDITION CODE
84144	WELL, SELECTION CRITERIA CODE
84145	PROJECT COMPONENT CODE
84146	LAND USE, PREDOMINANT, WITHIN 100 FT OF WELL, CODE
84147	LAND USE, PREDOMINANT, 1/4 MI.RADIUS OF WELL, CODE
84148	LAND USE, PREDMNT., FRAC., WITHIN 1/4 MI OF WELL, CODE
84149	LAND USE, CHANGE, LAST 10 YRS, WITHIN 1/4MI WELL, CODE
84150	HABITAT QUALITY INDEX RATING CODE
84151	AQUATIC LIFE, USE CLASSES CODE
84152	STREAM, STAGE CLASS CODE
84153	STREAMBANKS, GRAZING DAMAGE CODE
84154	CHANNEL, MAJOR ALTERATIONS CODE
84155	RIFLE/RUNS, OCCURRENCE CODE
84156	POOL, DESCRIPTION CODE
84157	SANDBARS, LARGE, OCCURRENCE CODE
84158	LAND USE, NEAR STREAM, PREDOMINANT CODE
84159	STREAM,COVER (INSTREAM SHELTER FOR ADULT FISH), CODE

<b>STORET Code</b>	<b>Description of STORET Parameters Not Suitable for Statistical Analysis</b>
84160	STREAM, DEGRADATION RATING CODE
84161	STREAM, ORDER CODE
84162	LAND RESOURCE AREA CODE
84163	FLOW, STREAM, CLASSIFICATION CODE
84165	DISCHARGE EVENT OBSERVATION, YES=1 NO=0, CODE
84166	STORM HYDROGRAPH, DIRECTION, (RISE,FALL), CODE
84167	MICROSCOPIC EXAMINATION CODE
84168	AVIAN SPECIES ALPHA CODE (BIRDS)
84169	MAMMALIAN ALPHA SPECIES CODE
84170	ALPHA AGE TEXT CODE
84200	LATITUDE/LONGITUDE COORDINATES OF WELL, METHOD CODE
84201	NATIONAL REFERENCE DATUM, ALTITUDE(VERTICAL) CODE
84202	ALTITUDE METHOD CODE
85000	STREAM MILE, ACTUAL MILES
85014	HABITAT, 1970 ACRES THIS TYPE FOR THIS STATION
85015	HAB., ESTIMATED ACRES THIS TYPE THIS STATION
85016	HAB., ESTIMATED ACRES THIS TYPE THIS STA. BY 1990
85017	HAB., ESTIMATED ACRES THIS TYPE THIS STA. BY 2000
85018	TYPE CODES: 1=CLEAR CUT/2=SELECT CUT/3=RNGE DEVL P
85019	ACRES, NO. ALTERED FROM 1965-1970 (0-5 YEARS OLD)
85020	ACRES, NO. ALTERED 1960-1965 (5-10 YEARS OLD)
85021	ACRES, NO. ALTERED 1955-1960 (10-15 YEARS OLD)
85022	ACRES, NO. ALTERED 1950-1955 (15-20 YEARS OLD)
85023	ACRES, NO. ALTERED BEFORE 1950 (20+ YEARS OLD)
85024	ACRES,PREDICTED YRLY.AVE.TO BE ALTERED IN FUTURE
85025	LANDOWNERS, CODES FOR ALL IN STATE OF OREGON
85026	ACRES, CURRENT OWNED THIS LANDOWNER THIS STATION
85027	ACRES, ESTIMATED OWNED BY L-O THIS STA. BY 1980
85028	ACRES, ESTIMATED OWNED BY L-O THIS STA. BY 1990

<b>STORET Code</b>	<b>Description of STORET Parameters Not Suitable for Statistical Analysis</b>
85029	ACRES, ESTIMATED OWNED BY L-O THIS STA. BY 2000
85030	LAND USES, CODES FOR ALL IN STATE OF OREGON
85031	ACRES, CURRENT DEDICATED TO THIS USE THIS STATION
85032	ACRES, ESTM. DEDICTD TO THIS USE THIS STA BY 1980
85033	ACRES, ESTM. DEDICTD TO THIS USE THIS STA BY 1990
85034	ACRES, ESTM. DEDICTD TO THIS USE BY YR.2000 --STA.
85035	HAB., INDICATED ANIMAL USES THIS TYPE IN WINTER
85036	HAB., INDICATED ANIMAL USES THIS TYPE IN SPRING
85037	HAB., INDICATED ANIMAL USES THIS TYPE IN SUMMER
85038	HAB., INDICATED ANIMAL USES THIS TYPE IN FALL
85039	HAB., INDICATED ANML USES THIS TYPE FOR WINTERING
85040	HAB., INDICATED ANML USES THIS TYPE FOR FEEDING
85041	HAB., INDICATED ANML USES TYPE FOR REARING YOUNG
85042	HAB., INDICATED BIRD USES THIS TYPE FOR NESTING
85043	HAB., INDICATED ANML USES THIS TYPE FOR SHELTER
85044	HAB., INDICATED ANML USES THIS TYPE FOR REST AREA
85045	ANML, SHOWS PRESENCE/ABSNC OF COMMENTS ON THIS ANML
85046	HAB.,ACRES OCCUPIED BY THIS ANML THIS UNIT & CO.
85050	ANIMALS ARE NOT PRESENT THIS STATION
85051	ANIMALS, ONLY A FEW ARE PRESENT THIS STATION
85052	ANIMALS COMMONLY SEEN; USE MODERATE THIS STATION
85053	ANIMALS FREQUENTLY SEEN; USE HEAVY THIS STATION
85070	OWNERSHIP (.1) AND ACCESS (.2) BY YEAR
85071	PRIVATE OWNERSHIP AND ACCESS MILEAGE
85072	FEDERAL OWNERSHIP AND ACCESS MILEAGE
85073	STATE OWNERSHIP AND ACCESS MILEAGE
85074	COUNTY OWNERSHIP AND ACCESS MILEAGE
85075	CITY OWNERSHIP AND ACCESS MILEAGE
85076	WATER YEAR DATA REFERS TO

<b>STORET Code</b>	<b>Description of STORET Parameters Not Suitable for Statistical Analysis</b>
85077	CALENDAR YEAR DATA REFERS TO
85088	MONTHS POLLUTION IS A PROBLEM JAN THRU JUNE
85089	MONTHS POLLUTION IS A PROBLEM JULY TO DECEMBER
85090	MAN-CAUSED CHANNEL CHANGE IN MILES
85091	STREAM BANK HABITAT DESTROYED IN MILES
85092	STREAMBED SILTED IN MILES
85093	TURBIDITY PROBLEM IN MILES
85094	SEVERITY: 1=ELIMINATES 2=INTERFERES 3=NO PROBLEM
85095	DURATION OF TURBIDITY PROBLEM IN MONTHS
85096	SEASON OF NATURAL DRY CHANNEL 1=SP 2=SU 3=F 4=W
85097	NATURAL DRY CHANNEL IN MILES
85098	MAN-CAUSED DRY CHANNEL SEASON 1=SP 2=SU 3=F 4=W
85099	MAN-CAUSED DRY CHANNEL IN MILES
85100	YEAR BARRIER IS PRESENT
85101	NUMBER OF NATURAL BARRIERS
85102	MILES BLOCKED BY NATURAL BARRIERS
85103	NUMBER OF NATURAL BARRIERS TO BE REMOVED
85104	NUMBER OF DAMS AND MAN CAUSED OBSTRUCTIONS
85105	MILES BLOCKED BY DAMS OR MAN CAUSED OBSTRUCTIONS
85106	NUMBER OF DAMS TO BE ALTERED
85107	MILES OF STREAM OCCUPIED BY IMPOUNDMENT
85108	LOWER END OF SECTION COVERED BY THIS FORM
85109	UPPER END OF SECTION COVERED BY THIS FORM
85110	LOWER LIMIT THIS SPECIES THIS FORM BY RIVER MILE
85111	UPPER LIMIT THIS SPECIES THIS FORM BY RIVER MILE
85112	STREAM SURVEY:1=COMPLETE 2=INCOMPLETE 3=NONE
85113	ABUNDANCE: 1=FSHWY/TAG&R 2=SURVEY 3=EST PLUS 4=EST
85114	ABUNDANCE: N=S&ST 1=ABUNDANT 4=SCARCE RGH FSH 3=SCARCE
85116	SQUARE YARDS OF SPAWNING AREA IN 1970

<b>STORET Code</b>	<b>Description of STORET Parameters Not Suitable for Statistical Analysis</b>
85117	SQUARE YARDS OF SPAWNING AREA IN 1980
85118	SQUARE YARDS OF SPAWNING AREA IN 1990
85119	SQUARE YARDS OF SPAWNING AREA IN 2000
85120	MILES OF REARING AREA IN 1970
85121	MILES OF REARING AREA IN 1980
85122	MILES OF REARING AREA IN 1990
85123	MILES OF REARING AREA IN 2000
85124	CATCH BY SPORT ANGLING IN 1970
85125	RECREATION DAYS SPENT ANGLING IN 1970
85126	RECREATION DAYS SPENT ANGLING IN 1980
85127	RECREATION DAYS SPENT ANGLING IN 1990
85128	RECREATION DAYS SPENT ANGLING IN 2000
85129	CONTRIBUTION TO COMMERCIAL CATCH IN 1970
85130	PERCENT OF TOTAL FISHING DONE FROM BOAT IN 1970
85131	PERCENT OF TOTAL FISHING DONE FROM BANK IN 1970
85132	PERCENT OF TOTAL FISHING DONE WITH LURE IN 1970
85133	PERCENT OF TOTAL FISHING DONE WITH BAIT IN 1970
85134	PERCENT OF TOTAL FISHING DONE WITH A FLY IN 1970
85146	YEAR THIS FACTOR HAS A LIMITING EFFECT
85157	MAN DAYS OF WATER SKIING
85158	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NO ACTIVITY
85159	MAN DAYS OF BOATING OTHER THAN ANGLING
85160	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NO ACTIVITY
85161	MAN DAYS OF SWIMMING
85162	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NO ACTIVITY
85163	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NOT PRESENT
85165	NUMBER OF MONTHS SUSPENDED SOLIDS ARE A PROBLEM
85167	NUMBER OF MONTHS PLANKTON IS A PROBLEM
85168	1=ELIMINATE PROD 2=REDUCE 3=NO INTER. 4=NOT PRES

<b>STORET Code</b>	<b>Description of STORET Parameters Not Suitable for Statistical Analysis</b>
85169	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85170	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85171	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85172	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85173	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85174	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85175	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85176	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85177	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85178	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85179	YEAR THIS NUMBER OF FACILITIES PRESENT
85180	NUMBER OF BOAT RAMPS
85181	NUMBER OF MOORAGES
85182	NUMBER OF PICNIC AREAS
85183	NUMBER OF CAMP AREAS
85184	NUMBER OF RESORTS
85185	YEAR THIS ZONED AREA PRESENT
85186	ACRES SET ASIDE FOR OTHER BOATING
85187	ACRES SET ASIDE FOR WATER SKIING
85188	MILES OF SHORE LOST TO ACCESS BY HOME SITES
85189	TOTAL MILES OF SHORELINE
85193	WILL RECR BE INC BY RELEASE OF FINGERL 0=NO 1=YES
85195	CATCH AND RECREATION ESTIMATE 1=BEST 4=POOREST
85333	PRECIPITATION-SAMPLE COLLECTION TIME-CODE- NES
85538	GAMMA SCAN DATE (YR,MO,DAY)
85539	DATE OF REPORT (YR,MO,DAY)
85658	TIME NIGHT CO2 HR
85661	TIME, INTERVAL DAY CO2 HR

## Appendix F

### National EPA Water Quality Criteria Summary<sup>1</sup>

The following table presents the national water quality criteria that were used to assess water quality data on a station-by-station basis and within the entire study area. Criteria are, for the most part, maximum values (except for dissolved oxygen, pH, and as noted). Criteria exist in any of four categories: Fresh Acute, Drinking Water, Marine Acute, and Other. Acute criteria are the highest 1-hour average concentrations which should not result in unacceptable impacts to aquatic organisms in either fresh or marine waters, respectively. The Drinking Water criteria are intended for human consumption; while the Other criteria represents National Park Service or other concerns. Parameters are listed in ascending order by STORET code. It is important to note that similar parameters often have non-consecutive codes. Consequently, scanning the entire list is necessary to obtain the criteria for all parameters of a particular type (eg. lead, copper, etc.). Refer to the Parameter Period of Record Tabulation to obtain the STORET code for any parameter measured in the park.

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
	00070				50 <sup>1</sup>	TURBIDITY, JACKSON CANDLE UNITS	JTU	Physical
	00076				50 <sup>1</sup>	TURBIDITY, HACH TURBIDIMETER, FORMAZIN TUR. UNITS	FTU	Physical
14808798	00154		250 <sup>5</sup>			SULFATE (AS S) WHOLE WATER	MG/L	General Inorganic
7782447	00299				4.0 <sup>a</sup>	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	MG/L	Dissolved Oxygen
7782447	00300				4.0 <sup>a</sup>	OXYGEN, DISSOLVED	MG/L	Dissolved Oxygen
	00400				≤6.5, ≥9.0 <sup>#</sup>	PH	SU	Physical
	00403				≤6.5, ≥9.0 <sup>#</sup>	PH, LAB	SU	Physical
	00406				≤6.5, ≥9.0 <sup>#</sup>	PH, FIELD	SU	Physical

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<sup>1</sup>Sources: (1) U.S. Environmental Protection Agency, Quality Criteria for Water 1995, Final Draft; (2) U.S. Environmental Protection Agency, 40 CFR 141 - National Primary Drinking Water Regulations, and 40 CFR 143 - National Secondary Drinking Water Regulations, July 1, 1994; and (3) Others as Noted in Footnotes.

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
471341	00409				<200 <sup>m</sup>	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYSIS	UEQ/L	General Inorganic
17778880	00613		1			NITRITE NITROGEN, DISSOLVED AS N	MG/L	Nitrogen
17778880	00615		1			NITRITE NITROGEN, TOTAL AS N	MG/L	Nitrogen
17778880	00618		10			NITRATE NITROGEN, DISSOLVED AS N	MG/L	Nitrogen
17778880	00620		10			NITRATE NITROGEN, TOTAL AS N	MG/L	Nitrogen
17778880	00628		10			NITRITE + NITRATE, SUSPENDED AS N	MG/L	Nitrogen
17778880	00630		10			NITRITE PLUS NITRATE, TOTAL 1 DET.	MG/L	Nitrogen
17778880	00631		10			NITRITE PLUS NITRATE, DISSOLVED 1 DET.	MG/L	Nitrogen
57125	00718	22	200	1.0		CYANIDE, WEAK ACID, DISSOCIABLE, WATER, WHOLE	UG/L	General Inorganic
57125	00719	22	200	1.0		CYANIDE, FREE,IN WATER&WASTEWATERS, HBG METHOD	UG/L	General Inorganic
57125	00720	0.022	0.2	0.001		CYANIDE, TOTAL	MG/L	General Inorganic
57125	00722	0.022	0.2	0.001		CYANIDE, FREE (AMENABLE TO CHLORINATION)	MG/L	General Inorganic
57125	00723	22	200	1.0		CYANIDE, DISSOLVED STD METHOD	UG/L	General Inorganic
57125	00724	22	200	1.0		CYANIDE COMPLEXED TO A RANGE OF COMPNDS, WATER	UG/L	General Inorganic
16887006	00940	860	250 <sup>s</sup>			CHLORIDE,TOTAL IN WATER	MG/L	General Inorganic
16887006	00941	860	250 <sup>s</sup>			CHLORIDE, DISSOLVED IN WATER	MG/L	General Inorganic
14808798	00945		250 <sup>s</sup>			SULFATE, TOTAL (AS SO4)	MG/L	General Inorganic
14808798	00946		250 <sup>s</sup>			SULFATE, DISSOLVED (AS SO4)	MG/L	General Inorganic
1332214	00948		7000000			ASBESTOS, WHOLE SAMPLE	CNT/L	General Inorganic
16984488	00950		4.0			FLUORIDE, DISSOLVED AS F	MG/L	General Inorganic



C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
16984488	00951		4.0			FLUORIDE, TOTAL AS F	MG/L	General Inorganic
7782414	00953		4000			FLUORINE, TOTAL	UG/L	General Inorganic
7440382	00978	360	50	69		ARSENIC, TOTAL RECOVERABLE IN WATER AS AS	UG/L	Metal
7782492	00981	20	50	300		SELENIUM,TOTAL RECOVERABLE IN WATER AS SE	UG/L	Metal
7440280	00982	1400*	2.0	2130*		THALLIUM, TOTAL RECOVERABLE IN WATER AS TL	UG/L	Metal
7782492	00990	20	50	300		SELENITE, TOTAL RECOVERABLE INORGANIC	UG/L	Metal
7440382	00991	360	50	69		ARSENIC, TOTAL RECOVERABLE TRIVALENT INORGANIC	UG/L	Metal
7440382	00995	360	50	69		ARSENIC, INORGANIC DISS	UG/L	Metal
7440382	00996	360	50	69		ARSENIC, INORGANIC SUSP	UG/L	Metal
7440382	00997	360	50	69		ARSENIC, INORGANIC TOT	UG/L	Metal
7440417	00998	130*	4.0			BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE	UG/L	Metal
7440382	01000	360	50	69		ARSENIC, DISSOLVED	UG/L	Metal
7440382	01001	360	50	69		ARSENIC, SUSPENDEED	UG/L	Metal
7440382	01002	360	50	69		ARSENIC, TOTAL	UG/L	Metal
7440393	01005		2000			BARIUM, DISSOLVED	UG/L	Metal
7440393	01006		2000			BARIUM, SUSPENDEED	UG/L	Metal
7440393	01007		2000			BARIUM, TOTAL	UG/L	Metal
7440393	01009		2000			BARIUM,TOTAL RECOVERABLE IN WATER AS BA	UG/L	Metal
7440417	01010	130*	4.0			BERYLLIUM, DISSOLVED	UG/L	Metal
7440417	01011	130*	4.0			BERYLLIUM, SUSPENDEED	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440417	01012	130 <sup>+</sup>	4.0			BERYLLIUM, TOTAL	UG/L	Metal
7440439	01025	3.9 <sup>+</sup>	5.0	43		CADMIUM, DISSOLVED	UG/L	Metal
7440439	01026	3.9 <sup>+</sup>	5.0	43		CADMIUM, SUSPENDED	UG/L	Metal
7440439	01027	3.9 <sup>+</sup>	5.0	43		CADMIUM, TOTAL	UG/L	Metal
7440473	01030		100			CHROMIUM, DISSOLVED	UG/L	Metal
7440473	01031		100			CHROMIUM, SUSPENDED	UG/L	Metal
7440473	01032	16	100	1100		CHROMIUM, HEXAVALENT	UG/L	Metal
16065831	01033	1700 <sup>+</sup>	100	10300 <sup>+</sup>		CHROMIUM, TRI-VAL	UG/L	Metal
7440473	01034		100			CHROMIUM, TOTAL	UG/L	Metal
7440508	01040	18 <sup>+</sup>	1300 <sup>a</sup>	2.9		COPPER, DISSOLVED	UG/L	Metal
7440508	01041	18 <sup>+</sup>	1300 <sup>a</sup>	2.9		COPPER, SUSPENDED	UG/L	Metal
7440508	01042	18 <sup>+</sup>	1300 <sup>a</sup>	2.9		COPPER, TOTAL	UG/L	Metal
7439921	01049	82 <sup>+</sup>	15 <sup>a</sup>	220		LEAD, DISSOLVED	UG/L	Metal
7439921	01050	82 <sup>+</sup>	15 <sup>a</sup>	220		LEAD, SUSPENDED	UG/L	Metal
7439921	01051	82 <sup>+</sup>	15 <sup>a</sup>	220		LEAD, TOTAL	UG/L	Metal
7440280	01057	1400 <sup>+</sup>	2.0	2130 <sup>+</sup>		THALLIUM, DISSOLVED	UG/L	Metal
7440280	01058	1400 <sup>+</sup>	2.0	2130 <sup>+</sup>		THALLIUM, SUSPENDED	UG/L	Metal
7440280	01059	1400 <sup>+</sup>	2.0	2130 <sup>+</sup>		THALLIUM, TOTAL	UG/L	Metal
7440020	01065	1400 <sup>+</sup>	100	75		NICKEL, DISSOLVED	UG/L	Metal
7440020	01066	1400 <sup>+</sup>	100	75		NICKEL, SUSPENDED	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440020	01067	1400 <sup>+</sup>	100	75		NICKEL, TOTAL	UG/L	Metal
7440020	01074	1400 <sup>+</sup>	100	75		NICKEL, TOTAL RECOVERABLE IN WATER AS NI	UG/L	Metal
7440224	01075	4.1 <sup>+</sup>	100 <sup>s</sup>	0.12		SILVER, DISSOLVED	UG/L	Metal
7440224	01076	4.1 <sup>+</sup>	100 <sup>s</sup>	0.12		SILVER, SUSPENDED	UG/L	Metal
7440224	01077	4.1 <sup>+</sup>	100 <sup>s</sup>	0.12		SILVER, TOTAL	UG/L	Metal
7440224	01079	4.1 <sup>+</sup>	100 <sup>s</sup>	0.12		SILVER, TOTAL RECOVERABLE IN WATER AS AG	UG/L	Metal
7440508	01089	0.018 <sup>+</sup>	1.3 <sup>a</sup>	0.0029		COPPER AS SUSPENDED BLACK OXIDE IN WATER	MG/L	General Inorganic
7440666	01090	120 <sup>+</sup>	5000 <sup>s</sup>	95		ZINC, DISSOLVED	UG/L	Metal
7440666	01091	120 <sup>+</sup>	5000 <sup>s</sup>	95		ZINC, SUSPENDED	UG/L	Metal
7440666	01092	120 <sup>+</sup>	5000 <sup>s</sup>	95		ZINC, TOTAL	UG/L	Metal
7440666	01094	120 <sup>+</sup>	5000 <sup>s</sup>	95		ZINC, TOTAL RECOVERABLE IN WATER AS ZN	UG/L	Metal
7440360	01095	88 <sup>p</sup>	6.0	1500 <sup>p</sup>		ANTIMONY, DISSOLVED	UG/L	Metal
7440360	01096	88 <sup>p</sup>	6.0	1500 <sup>p</sup>		ANTIMONY, SUSPENDED	UG/L	Metal
7440360	01097	88 <sup>p</sup>	6.0	1500 <sup>p</sup>		ANTIMONY, TOTAL	UG/L	Metal
7440439	01113	3.9 <sup>+</sup>	5.0	43		CADMIUM, TOTAL RECOVERABLE IN WATER AS CD	UG/L	Metal
7439921	01114	82 <sup>+</sup>	15 <sup>a</sup>	220		LEAD, TOTAL RECOVERABLE IN WATER AS PB	UG/L	Metal
7440473	01118		100			CHROMIUM TOTAL RECOVERABLE IN WATER AS CR	UG/L	Metal
7440508	01119	18 <sup>+</sup>	1300 <sup>a</sup>	2.9		COPPER, TOTAL RECOVERABLE IN WATER AS CU	UG/L	Metal
7440280	01124	1400 <sup>*</sup>	2.0	2130 <sup>*</sup>		THALLIUM, ACID SOLUBLE, WATER, WHOLE	UG/L	Metal
7440280	01128	1400 <sup>*</sup>	2.0	2130 <sup>*</sup>		THALLIUM, TOTAL RECOVERABLE <95%	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7782492	01145	20	50	300		SELENIUM, DISSOLVED	UG/L	Metal
7782492	01146	20	50	300		SELENIUM, SUSPENDED	UG/L	Metal
7782492	01147	20	50	300		SELENIUM, TOTAL	UG/L	Metal
7782492	01167	20	50	300		SELENIUM, ACID SOLUBLE, WATER, WHOLE	UG/L	Metal
18540299	01220	16	100	1100		CHROMIUM, HEXAVALENT, DISSOLVED	UG/L	Metal
7440360	01268	88 <sup>p</sup>	6.0	1500 <sup>p</sup>		ANTIMONY (SB), WATER, TOTAL RECOVERABLE	UG/L	Metal
57125	01291	22	200	1.0		CYANIDE, FILTERABLE, TOTAL IN WATER	UG/L	General Inorganic
7440666	01303	0.120 <sup>+</sup>	5.0 <sup>s</sup>	0.095		ZINC, POTENTIALLY DISSOLVED WATER	MG/L	Metal
7440224	01304	0.0041 <sup>+</sup>	0.1 <sup>s</sup>	0.00012		SILVER, POTENTIALLY DISSOLVED WATER	MG/L	Metal
7440508	01306	0.018 <sup>+</sup>	1.3 <sup>a</sup>	0.0029		COPPER, POTENTIALLY DISSOLVED WATER	MG/L	Metal
18540299	01307	0.016	0.1	1.1		CHROMIUM, HEXAVALENT, POTENTIALLY DISSOLVED	MG/L	Metal
7440382	01309	0.36	0.05	0.069		ARSENIC, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440393	01311		2.0			BARIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440417	01312	0.13 <sup>+</sup>	0.004			BERYLLIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440439	01313	0.0039 <sup>+</sup>	0.005	0.043		CADMIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
16065831	01314	1.7 <sup>+</sup>	0.1	10.3 <sup>+</sup>		CHROMIUM, TRIVALENT, POTENTIALLY DISSOLVED	MG/L	Metal
7439921	01318	0.082 <sup>+</sup>	0.015 <sup>a</sup>	0.220		LEAD, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7439976	01321	0.0024	0.002	0.0021		MERCURY, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440020	01322	1.4 <sup>+</sup>	0.1	0.075		NICKEL, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7782492	01323	0.020	0.050	0.300		SELENIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440280	01324	1.4 <sup>+</sup>	0.002	2.13 <sup>+</sup>		THALLIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440611	01326		0.020 <sup>e</sup>			URANIUM, POTENTIALLY DISSOLVED, WATER	MG/L	Metal
7440224	01523	4.1 <sup>+</sup>	100 <sup>s</sup>	0.12		SILVER, IONIC	UG/L	Metal
50328	03648		0.2			BENZO (A) PYRENE, LIQUID FRACTION, ELUTRIATE	UG/L	General Organic
122349	04035		4.0			SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE	UG/L	Pesticide
10028178	04124		20 <sup>r</sup>			TRITIUM, TOTAL, WATER	PC/ML	Radiological
10028178	07000		20000 <sup>r</sup>			TRITIUM, TOTAL	PC/L	Radiological
10028178	07005		20000 <sup>r</sup>			TRITIUM, DISSOLVED	PC/L	Radiological
10028178	07010		20000 <sup>r</sup>			TRITIUM, SUSPENDE	PC/L	Radiological
	09501		5.0			RADIUM 226, TOTAL	PC/L	Radiological
	09503		5.0			RADIUM 226, DISSOLVED	PC/L	Radiological
	09505		5.0			RADIUM 226, SUSPENDE	PC/L	Radiological
	11500		5.0			RADIUM 226 + RADIUM 228, DISSOLVED	PC/L	Radiological
	11501		5.0			RADIUM 228, TOTAL	PC/L	Radiological
	11503		5.0			RADIUM 226 + RADIUM 228, TOTAL	PC/L	Radiological
10098972	13501		8.0 <sup>r</sup>			STRONTIUM 90, TOTAL	PC/L	Radiological
10098972	13503		8.0 <sup>r</sup>			STRONTIUM 90, DISSOLVED	PC/L	Radiological
10098972	13505		8.0 <sup>r</sup>			STRONTIUM 90, SUSPENDE	PC/L	Radiological
7782492	22675	20	50	300		SELENIUM, DISSOLVED ORGANIC	UG/L	Metal
7782492	22676	20	50	300		SELENIUM, HEXAVALENT, DISSOLVED	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7782492	22677	20	50	300		SELENIUM, TETRAVALENT, DISSOLVED	UG/L	Metal
7440382	22678	360	50	69		ARSENIC, DISSOLVED ORGANIC	UG/L	Metal
7440382	22679	850*	50	2319*		ARSENIC, PENTAVALENT, DISSOLVED	UG/L	Metal
7440382	22680	360	50	69		ARSENIC, TRIVALENT, DISSOLVED	UG/L	Metal
7440611	22703		20°			URANIUM, NATURAL DISSOLVED	UG/L	Metal
7440611	22705		20°			URANIUM, NATURAL SUSPENDED	UG/L	Metal
7440611	22706		20°			URANIUM, TOTAL AS U308	UG/L	Metal
7440611	22708		0.020°			URANIUM, NATURAL, TOTAL	MG/L	Radiological
7440611	28011		20°			URANIUM, NATURAL, TOTAL	UG/L	Radiological
88857	30191		7.0			DINOSEB, WATER, WHOLE RECOVERABLE	UG/L	Pesticide
75990	30200		200			DALAPON, WATER, WHOLE RECOVERABLE	UG/L	Pesticide
106934	30203		0.05			ETHANE, 1,2-DIBROMO-, WATER, WHOLE, RECOVERABLE	UG/L	Pesticide
	31501		1.0 <sup>n</sup>		1000 <sup>b</sup>	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	CFU/100ML	Bacteriological
	31503		1.0 <sup>n</sup>		1000 <sup>b</sup>	COLIFORM, TOTAL, MEMBRANE FILTER, DELAY. M-ENDO	CFU/100ML	Bacteriological
	31504		1.0 <sup>n</sup>		1000 <sup>b</sup>	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED. LES-ENDO	CFU/100ML	Bacteriological
	31505		1.0 <sup>n</sup>		1000 <sup>b</sup>	COLIFORM, TOTAL, MPN, CONF. TEST 35C (TUBE 31506)	MPN/100ML	Bacteriological
	31506		1.0 <sup>n</sup>		1000 <sup>b</sup>	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE CONFIG	MPN/100ML	Bacteriological
	31507		1.0 <sup>n</sup>		1000 <sup>b</sup>	COLIFORM, TOTAL, MPN, COMP. TEST 35C (TUBE 31508)	MPN/100ML	Bacteriological
	31508		1.0 <sup>n</sup>		1000 <sup>b</sup>	COLIFORM, TOTAL, MPN, COMP. TEST, TUBE CONFIG	MPN/100ML	Bacteriological
	31613				200 <sup>^</sup>	FECAL COLIFORM, MEMBRANE FILTER, AGAR	CFU/100ML	Bacteriological

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
	31614				200 <sup>^</sup>	FECAL COLIFORM, MPN, TUBE CONFIGURATION	MPN/100ML	Bacteriological
	31615				200 <sup>^</sup>	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	MPN/100ML	Bacteriological
	31616				200 <sup>^</sup>	FECAL COLIFORM, MEMBRANE FILTER, BROTH, 44.5C	CFU/100ML	Bacteriological
	31617				200 <sup>^</sup>	FECAL COLIFORM, MPN, EIJKMAN, 44.5C (TUBE 31618)	MPN/100ML	Bacteriological
	31625				200 <sup>^</sup>	FECAL COLIFORM, MF, M-FC, 0.7 UM	CFU/100ML	Bacteriological
	31648				126 <sup>^</sup>	E. COLI, MTEC, MF	CFU/100ML	Bacteriological
	31649				33 <sup>^</sup>	ENTEROCOCCI, ME, MF	CFU/100ML	Bacteriological
67663	32003	28900*	100 <sup>l</sup>			CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	UG/L	General Organic
67663	32005	28900*	100 <sup>l</sup>			CARBON CHLOROFORM EXTRACTABLES	UG/L	General Organic
67663	32021	28900*	100 <sup>l</sup>			CARBON CHLOROFORM EXTRACTS, ETHER INSOLUBLES OF	UG/L	General Organic
67663	32022	28900*	100 <sup>l</sup>			CARBON CHLOROFORM EXTRACTS, WATER SOLUBLES OF	UG/L	General Organic
75274	32101		100 <sup>l</sup>			BROMODICHLOROMETHANE, WHOLE WATER	UG/L	General Organic
56235	32102	35200*	5.0	50000*		CARBON TETRACHLORIDE, WHOLE WATER	UG/L	General Organic
107062	32103	118000*	5.0	113000*		1,2-DICHLOROETHANE,WHOLE WATER	UG/L	General Organic
75252	32104		100 <sup>l</sup>			BROMOFORM, WHOLE WATER	UG/L	General Organic
124481	32105		100 <sup>l</sup>			DIBROMOCHLOROMETHANE, WHOLE WATER	UG/L	General Organic
67663	32106	28900*	100 <sup>l</sup>			CHLOROFORM, WHOLE WATER	UG/L	General Organic
56235	32260	35.2*	0.005	50*		CARBON TETRACHLORIDE EXTRACTABLES	MG/L	General Organic
67663	32270	28.9*	0.1 <sup>l</sup>			CHLOROFORM EXTRACTABLES TOTAL	MG/L	General Organic
108883	34010	17500*	1000	6300*		TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
1330207	34020		10000			XYLENES IN WTR SMPLE GC-MS, HEXADECONE EXTR.	UG/L	General Organic
83329	34205	1700*		970*		ACENAPHTHENE, TOTAL	UG/L	General Organic
83329	34206	1700*		970*		ACENAPHTHENE, DISSOLVED	UG/L	General Organic
83329	34207	1700*		970*		ACENAPHTHENE, SUSPENDED	UG/L	General Organic
107028	34210	68*		55*		ACROLEIN, TOTAL	UG/L	Pesticide
107028	34211	68*		55*		ACROLEIN, DISSOLVED	UG/L	Pesticide
107028	34212	68*		55*		ACROLEIN, SUSPENDED	UG/L	Pesticide
107131	34215	7550*				ACRYLONITRILE, TOTAL	UG/L	General Organic
107131	34216	7550*				ACRYLONITRILE, DISSOLVED	UG/L	General Organic
107131	34217	7550*				ACRYLONITRILE, SUSPENDED	UG/L	General Organic
71432	34235	5300*	5.0	5100*		BENZENE, DISSOLVED	UG/L	General Organic
71432	34236	5300*	5.0	5100*		BENZENE, SUSPENDED	UG/L	General Organic
92875	34239	2500*				BENZIDINE, DISSOLVED	UG/L	General Organic
92875	34240	2500*				BENZIDINE, SUSPENDED	UG/L	General Organic
58899	34265	2.0	0.2	0.16		R-BHC (LINDANE) GAMMA, DISSOLVED	UG/L	Pesticide
58899	34266	2.0	0.2	0.16		R-BHC (LINDANE) GAMMA, SUSPENDED	UG/L	Pesticide
75252	34288		100 <sup>l</sup>			BROMOFORM, DISSOLVED	UG/L	General Organic
75252	34289		100 <sup>l</sup>			BROMOFORM, SUSPENDED	UG/L	General Organic
56235	34297	35200*	5.0	50000*		CARBON TETRACHLORIDE, DISSOLVED	UG/L	General Organic
56235	34298	35200*	5.0	50000*		CARBON TETRACHLORIDE, SUSPENDED	UG/L	General Organic



C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
108907	34301		100			CHLOROBENZENE, TOTAL	UG/L	General Organic
108907	34302		100			CHLOROBENZENE, DISSOLVED	UG/L	General Organic
108907	34303		100			CHLOROBENZENE, SUSPENDED	UG/L	General Organic
124481	34306		100 <sup>i</sup>			CHLORODIBROMOMETHANE, TOTAL	UG/L	General Organic
124481	34307		100 <sup>i</sup>			CHLORODIBROMOMETHANE, DISSOLVED	UG/L	General Organic
124481	34308		100 <sup>i</sup>			CHLORODIBROMOMETHANE, SUSPENDED	UG/L	General Organic
67663	34316	28900*	100 <sup>i</sup>			CHLOROFORM, DISSOLVED	UG/L	General Organic
67663	34317	28900*	100 <sup>i</sup>			CHLOROFORM, SUSPENDED	UG/L	General Organic
57125	34325	0.022	0.2	0.001		CYANIDE, SUSPENDED	MG/L	General Inorganic
75274	34328		100 <sup>i</sup>			DICHLOROBROMOMETHANE, DISSOLVED	UG/L	General Organic
75274	34329		100 <sup>i</sup>			DICHLOROBROMOMETHANE, SUSPENDED	UG/L	General Organic
122667	34346	270*				1,2-DIPHENYLHYDRAZINE, TOTAL	UG/L	General Organic
122667	34347	270*				1,2-DIPHENYLHYDRAZINE, DISSOLVED	UG/L	General Organic
122667	34348	270*				1,2-DIPHENYLHYDRAZINE, SUSPENDED	UG/L	General Organic
33213659	34356	0.22		0.034		ENDOSULFAN, BETA, TOTAL	UG/L	Pesticide
33213659	34357	0.22		0.034		ENDOSULFAN, BETA, DISSOLVED	UG/L	Pesticide
33213659	34358	0.22		0.034		ENDOSULFAN, BETA, SUSPENDED	UG/L	Pesticide
959988	34361	0.22		0.034		ENDOSULFAN, ALPHA, TOTAL	UG/L	Pesticide
959988	34362	0.22		0.034		ENDOSULFAN, ALPHA, DISSOLVED	UG/L	Pesticide
959988	34363	0.22		0.034		ENDOSULFAN, ALPHA, SUSPENDED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
100414	34371	32000*	700	430*		ETHYLBENZENE, TOTAL	UG/L	General Organic
100414	34372	32000*	700	430*		ETHYLBENZENE, DISSOLVED	UG/L	General Organic
100414	34373	32000*	700	430*		ETHYLBENZENE, SUSPENDED	UG/L	General Organic
206440	34376	3980*		40*		FLUORANTHENE, TOTAL	UG/L	General Organic
206440	34377	3980*		40*		FLUORANTHENE, DISSOLVED	UG/L	General Organic
206440	34378	3980*		40*		FLUORANTHENE, SUSPENDED	UG/L	General Organic
77474	34386	7.0*	50	7.0*		HEXACHLOROCYCLOPENTADIENE, TOTAL	UG/L	General Organic
77474	34387	7.0*	50	7.0*		HEXACHLOROCYCLOPENTADIENE, DISSOLVED	UG/L	General Organic
77474	34388	7.0*	50	7.0*		HEXACHLOROCYCLOPENTADIENE, SUSPENDED	UG/L	General Organic
87683	34391	90*		32*		HEXACHLOROBUTADIENE, TOTAL	UG/L	General Organic
87683	34392	90*		32*		HEXACHLOROBUTADIENE, DISSOLVED	UG/L	General Organic
87683	34393	90*		32*		HEXACHLOROBUTADIENE, SUSPENDED	UG/L	General Organic
67721	34396	980*		940*		HEXACHLOROETHANE, TOTAL	UG/L	General Organic
67721	34397	980*		940*		HEXACHLOROETHANE, DISSOLVED	UG/L	General Organic
67721	34398	980*		940*		HEXACHLOROETHANE, SUSPENDED	UG/L	General Organic
118741	34401	6.0 <sup>p</sup>	1.0			HEXACHLOROBENZENE, DISSOLVED	UG/L	General Organic
118741	34402	6.0 <sup>p</sup>	1.0			HEXACHLOROBENZENE, SUSPENDED	UG/L	General Organic
193395	34403		0.40 <sup>c</sup>			INDENO (1,2,3-CD) PYRENE, TOTAL	UG/L	General Organic
193395	34404		0.40 <sup>c</sup>			INDENO (1,2,3-CD) PYRENE, DISSOLVED	UG/L	General Organic
193395	34405		0.40 <sup>c</sup>			INDENO (1,2,3-CD) PYRENE, SUSPENDED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
78591	34408	117000*		12900*		ISOPHORONE, TOTAL	UG/L	Pesticide
78591	34409	117000*		12900*		ISOPHORONE, DISSOLVED	UG/L	Pesticide
78591	34410	117000*		12900*		ISOPHORONE, SUSPENDED	UG/L	Pesticide
75092	34423		5.0			METHYLENE CHLORIDE, TOTAL	UG/L	General Organic
75092	34424		5.0			METHYLENE CHLORIDE, DISSOLVED	UG/L	General Organic
75092	34425		5.0			METHYLENE CHLORIDE, SUSPENDED	UG/L	General Organic
91203	34443	2300*		2350*		NAPHTHALENE, DISSOLVED	UG/L	General Organic
91203	34444	2300*		2350*		NAPHTHALENE, SUSPENDED	UG/L	General Organic
98953	34447	27000*		6680*		NITROBENZENE, TOTAL	UG/L	General Organic
98953	34448	27000*		6680*		NITROBENZENE, DISSOLVED	UG/L	General Organic
98953	34449	27000*		6680*		NITROBENZENE, SUSPENDED	UG/L	General Organic
59507	34452	30*				PARACHLOROMETA CRESOL, TOTAL	UG/L	General Organic
59507	34453	30*				PARACHLOROMETA CRESOL, DISSOLVED	UG/L	General Organic
59507	34454	30*				PARACHLOROMETA CRESOL, SUSPENDED	UG/L	General Organic
87865	34459	20***	1.0	13		PCP (PENTACHLOROPHENOL), DISSOLVED	UG/L	Pesticide
87865	34460	20***	1.0	13		PCP (PENTACHLOROPHENOL), SUSPENDED	UG/L	Pesticide
85018	34461	30 <sup>p</sup>		7.7 <sup>p</sup>		PHENANTHRENE, TOTAL	UG/L	General Organic
85018	34462	30 <sup>p</sup>		7.7 <sup>p</sup>		PHENANTHRENE, DISSOLVED	UG/L	General Organic
85018	34463	30 <sup>p</sup>		7.7 <sup>p</sup>		PHENANTHRENE, SUSPENDED	UG/L	General Organic
108952	34466	10200*		5800*		PHENOL, DISSOLVED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
108952	34467	10200*		5800*		PHENOL, SUSPENDED	UG/L	General Organic
127184	34475	5280*	5.0	10200*		TETRACHLOROETHYLENE, TOTAL	UG/L	General Organic
127184	34476	5280*	5.0	10200*		TETRACHLOROETHYLENE, DISSOLVED	UG/L	General Organic
127184	34477	5280*	5.0	10200*		TETRACHLOROETHYLENE, SUSPENDED	UG/L	General Organic
108883	34481	17500*	1000	6300*		TOLUENE, DISSOLVED	UG/L	General Organic
108883	34482	17500*	1000	6300*		TOLUENE, SUSPENDED	UG/L	General Organic
79016	34485	45000*	5.0	2000*		TRICHLOROETHYLENE, DISSOLVED	UG/L	General Organic
79016	34486	45000*	5.0	2000*		TRICHLOROETHYLENE, SUSPENDED	UG/L	General Organic
75014	34493		2.0			VINYL CHLORIDE, DISSOLVED	UG/L	General Organic
75014	34494		2.0			VINYL CHLORIDE, SUSPENDED	UG/L	General Organic
75354	34501		7.0			1,1-DICHLOROETHYLENE, TOTAL	UG/L	General Organic
75354	34502		7.0			1,1-DICHLOROETHYLENE, DISSOLVED	UG/L	General Organic
75354	34503		7.0			1,1-DICHLOROETHYLENE, SUSPENDED	UG/L	General Organic
71556	34506		200	31200*		1,1,1-TRICHLOROETHANE, TOTAL	UG/L	General Organic
71556	34507		200	31200*		1,1,1-TRICHLOROETHANE, DISSOLVED	UG/L	General Organic
71556	34508		200	31200*		1,1,1-TRICHLOROETHANE, SUSPENDED	UG/L	General Organic
79005	34511		5.0			1,1,2-TRICHLOROETHANE, TOTAL	UG/L	General Organic
79005	34512		5.0			1,1,2-TRICHLOROETHANE, DISSOLVED	UG/L	General Organic
79005	34513		5.0			1,1,2-TRICHLOROETHANE, SUSPENDED	UG/L	General Organic
79345	34516			9020*		1,1,2,2-TETRACHLOROETHANE, TOTAL	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
79345	34517			9020*		1,1,2,2-TETRACHLOROETHANE, DISSOLVED	UG/L	General Organic
79345	34518			9020*		1,1,2,2-TETRACHLOROETHANE, SUSPENDED	UG/L	General Organic
107062	34531	118000*	5.0	113000*		1,2-DICHLOROETHANE, TOTAL	UG/L	General Organic
107062	34532	118000*	5.0	113000*		1,2-DICHLOROETHANE, DISSOLVED	UG/L	General Organic
107062	34533	118000*	5.0	113000*		1,2-DICHLOROETHANE, SUSPENDED	UG/L	General Organic
95501	34536		600			1,2-DICHLOROBENZENE, TOTAL	UG/L	General Organic
95501	34537		600			1,2-DICHLOROBENZENE, DISSOLVED	UG/L	General Organic
95501	34538		600			1,2-DICHLOROBENZENE, SUSPENDED	UG/L	General Organic
78875	34541		5.0			1,2-DICHLOROPROPANE, TOTAL	UG/L	General Organic
78875	34542		5.0			1,2-DICHLOROPROPANE, DISSOLVED	UG/L	General Organic
78875	34543		5.0			1,2-DICHLOROPROPANE, SUSPENDED	UG/L	General Organic
156605	34546		100			TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER	UG/L	General Organic
156605	34547		100			TRANS-1,2-DICHLOROETHENE, DISSOLVED	UG/L	General Organic
156605	34548		100			TRANS-1,2-DICHLOROETHENE, SUSPENDED	UG/L	General Organic
120821	34551		70			1,2,4-TRICHLOROBENZENE, TOTAL	UG/L	General Organic
120821	34552		70			1,2,4-TRICHLOROBENZENE, DISSOLVED	UG/L	General Organic
120821	34553		70			1,2,4-TRICHLOROBENZENE, SUSPENDED	UG/L	General Organic
541731	34566		600			1,3-DICHLOROBENZENE, TOTAL	UG/L	General Organic
541731	34567		600			1,3-DICHLOROBENZENE, DISSOLVED	UG/L	General Organic
541731	34568		600			1,3-DICHLOROBENZENE, SUSPENDED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
106467	34571		75			1,4-DICHLOROBENZENE, TOTAL	UG/L	General Organic
106467	34572		75			1,4-DICHLOROBENZENE, DISSOLVED	UG/L	General Organic
106467	34573		75			1,4-DICHLOROBENZENE, SUSPENDED	UG/L	General Organic
95578	34586	4380*				2-CHLOROPHENOL, TOTAL	UG/L	General Organic
95578	34587	4380*				2-CHLOROPHENOL, DISSOLVED	UG/L	General Organic
95578	34588	4380*				2-CHLOROPHENOL, SUSPENDED	UG/L	General Organic
120832	34601	2020*				2,4-DICHLOROPHENOL, TOTAL	UG/L	General Organic
120832	34602	2020*				2,4-DICHLOROPHENOL, DISSOLVED	UG/L	General Organic
120832	34603	2020*				2,4-DICHLOROPHENOL, SUSPENDED	UG/L	General Organic
105679	34606	2120*				2,4-DIMETHYLPHENOL, TOTAL	UG/L	General Organic
105679	34607	2120*				2,4-DIMETHYLPHENOL, DISSOLVED	UG/L	General Organic
105679	34608	2120*				2,4-DIMETHYLPHENOL, SUSPENDED	UG/L	General Organic
121142	34611	330*		590*		2,4-DINITROTOLUENE, TOTAL	UG/L	General Organic
121142	34612	330*		590*		2,4-DINITROTOLUENE, DISSOLVED	UG/L	General Organic
121142	34613	330*		590*		2,4-DINITROTOLUENE, SUSPENDED	UG/L	General Organic
72548	34651	0.6*		3.6*		P,P'-DDD, DISSOLVED	UG/L	Pesticide
72548	34652	0.6*		3.6*		P,P'-DDD, SUSPENDED	UG/L	Pesticide
72559	34653	1050*		14*		P,P'-DDE, DISSOLVED	UG/L	Pesticide
72559	34654	1050*		14*		P,P'-DDE, SUSPENDED	UG/L	Pesticide
50293	34655	1.1		0.13		P,P'-DDT, DISSOLVED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
50293	34656	1.1		0.13		P,P'-DDT, SUSPENDED	UG/L	Pesticide
1746016	34675	0.01*	0.00003			2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD), TOT	UG/L	General Organic
1746016	34676	0.01*	0.00003			2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD), DISS	UG/L	General Organic
1746016	34677	0.01*	0.00003			2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD), SUSP	UG/L	General Organic
108952	34694	10200*		5800*		PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	UG/L	General Organic
91203	34696	2300*		2350*		NAPHTHALENE, TOTAL	UG/L	General Organic
75990	38432		200			DALAPON, WATER, TOTAL	UG/L	Pesticide
75990	38433		200			DALAPON, WATER, DISSOLVED	UG/L	Pesticide
75990	38434		200			DALAPON, WATER, SUSPENDED	UG/L	Pesticide
96128	38437		0.2			DIBROMOCHLOROPROPANE, WATER, TOTAL	UG/L	Pesticide
96128	38438		0.2			DIBROMOCHLOROPROPANE, WATER, DISSOLVED	UG/L	Pesticide
96128	38439		0.2			DIBROMOCHLOROPROPANE WATER, SUSPENDED	UG/L	Pesticide
96128	38760		0.2			DBCP, WATER, TOTAL	UG/L	Pesticide
96128	38761		0.2			DBCP, WATER, DISSOLVED	UG/L	Pesticide
96128	38762		0.2			DBCP, WATER, SUSPENDED	UG/L	Pesticide
88857	38779		7.0			DINOSEB, DISSOLVED	UG/L	Pesticide
88857	38780		7.0			DINOSEB, SUSPENDED	UG/L	Pesticide
23135220	38865		200			OXAMYL, TOTAL	UG/L	Pesticide
23135220	38866		200			OXAMYL, DISSOLVED	UG/L	Pesticide
23135220	38867		200			OXAMYL, SUSPENDED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
145733	38926		100			ENDOTHALL, WHOLE WATER SAMPLE	UG/L	Pesticide
2921882	38932	0.083		0.011		CHLORPYRIFOS, TOTAL RECOVERABLE	UG/L	Pesticide
2921882	38933	0.083		0.011		CHLORPYRIFOS, DISSOLVED	UG/L	Pesticide
2163806	38935		50			MONOSODIUM METHANEARSONATE (MSMA)	UG/L	Pesticide
2921882	39012	0.083		0.011		DURBAN, FLAME PHOTOMETRIC, WATER SAMPLE	UG/L	Pesticide
56382	39015	0.065				ETHYLPARATHION, FLAME IONIFATION, WATER SAMPLE	UG/L	Pesticide
122349	39025		4.0			SIMAZINE, COULSON CONDUCTIVITY WATER SAMPLE	UG/L	Pesticide
87865	39032	20***	1.0	13		PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE	UG/L	Pesticide
1912249	39033		3.0			ATRAZINE IN WHOLE WATER SAMPLE	UG/L	Pesticide
118741	39039	6.0 <sup>P</sup>	1.0			HEXACHLOROBENZENE WATER SAMPLE, ELECTRON CPT	UG/L	Pesticide
93721	39045		50			2,4,5-TP INCLUDES ACIDS & SALTS WATER SAMPLE	UG/L	Pesticide
116063	39053		3.0			ALDICARB IN WHOLE WATER	UG/L	Pesticide
122349	39055		4.0			SIMAZINE IN WHOLE WATER	UG/L	Pesticide
117817	39100	2000*	6.0			BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	UG/L	General Organic
117817	39103	2000*	6.0			BIS(2-ETHYLHEXYL) PHTHALATE, DISSOLVED	UG/L	General Organic
117817	39104	2000*	6.0			BIS(2-ETHYLHEXYL) PHTHALATE, SUSPENDED	UG/L	General Organic
	39117	0.94*		2.994*		PHTHLATE ESTERS IN WATER	MG/L	General Organic
75014	39175		2.0			VINYL CHLORIDE-WHOLE WATER SAMPLE	UG/L	General Organic
79016	39180	45000*	5.0	2000*		TRICHLOROETHYLENE-WHOLE WATER SAMPLE	UG/L	General Organic
50293	39300	1.1		0.13		P,P' DDT IN WHOLE WATER SAMPLE	UG/L	Pesticide



C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
72548	39310	0.6*		3.6*		P,P' DDD IN WHOLE WATER SAMPLE	UG/L	Pesticide
72559	39320	1050*		14*		P,P' DDE IN WHOLE WATER SAMPLE	UG/L	Pesticide
309002	39330	3.0		1.3		ALDRIN IN WHOLE WATER SAMPLE	UG/L	Pesticide
309002	39331	3.0		1.3		ALDRIN IN FILT. FRAC. OF WAT. SAMP.	UG/L	Pesticide
309002	39332	3.0		1.3		ALDRIN IN SUSP. FRAC. OF WAT. SAMP.	UG/L	Pesticide
58899	39340	2.0	0.2	0.16		GAMMA-BHC(LINDANE), WHOLE WATER	UG/L	Pesticide
58899	39341	2.0	0.2	0.16		GAMMA-BHC(LINDANE), DISSOLVED	UG/L	Pesticide
58899	39342	2.0	0.2	0.16		GAMMA-BHC(LINDANE), SUSPENDED	UG/L	Pesticide
57749	39350	2.4	2.0	0.09		CHLORDANE(TECH MIX & METABS), WHOLE WATER	UG/L	Pesticide
57749	39352	2.4	2.0	0.09		CHLORDANE(TECH MIX & METABS), DISSOLVED	UG/L	Pesticide
57749	39353	2.4	2.0	0.09		CHLORDANE(TECH MIX & METABS), SUSPENDED	UG/L	Pesticide
72548	39360	0.6*		3.6*		DDD IN WHOLE WATER SAMPLE	UG/L	Pesticide
72548	39361	0.6*		3.6*		DDD IN FILT. FRAC. OF WATER SMAPLE	UG/L	Pesticide
72548	39362	0.6*		3.6*		DDD IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
72559	39365	1050*		14*		DDE IN WHOLE WATER SAMPLE	UG/L	Pesticide
72559	39366	1050*		14*		DDE IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
72559	39367	1050*		14*		DDE IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
50293	39370	1.1		0.13		DDT IN WHOLE WATER SAMPLE	UG/L	Pesticide
50293	39371	1.1		0.13		DDT IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
50293	39372	1.1		0.13		DDT IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
60571	39380	2.5		0.71		DIELDRIN IN WHOLE WATER SAMPLE	UG/L	Pesticide
60571	39381	2.5		0.71		DIELDRIN IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
60571	39382	2.5		0.71		DIELDRIN IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
115297	39388	0.22		0.034		ENDOSULFAN IN WHOLE WATER SAMPLE	UG/L	Pesticide
72208	39390	0.18	2.0	0.037		ENDRIN IN WHOLE WATER SAMPLE	UG/L	Pesticide
72208	39391	0.18	2.0	0.037		ENDRIN IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
72208	39392	0.18	2.0	0.037		ENDRIN IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
8001352	39400	0.73	3.0	0.21		TOXAPHENE IN WHOLE WATER SAMPLE	UG/L	Pesticide
8001352	39401	0.73	3.0	0.21		TOXAPHENE IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
8001352	39402	0.73	3.0	0.21		TOXAPHENE IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
76448	39410	0.52	0.4	0.053		HEPTACHLOR IN WHOLE WATER SAMPLE	UG/L	Pesticide
76448	39411	0.52	0.4	0.053		HEPTACHLOR IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
76448	39412	0.52	0.4	0.053		HEPTACHLOR IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
1024573	39420	0.52	0.2	0.053		HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	UG/L	Pesticide
1024573	39421	0.52	0.2	0.053		HEPTACHLOR EPOXIDE IN FILT. FRAC. WATER SAMPLE	UG/L	Pesticide
1024573	39422	0.52	0.2	0.053		HEPTACHLOR EPOXIDE IN SUSP. FRAC. WATER SAMPLE	UG/L	Pesticide
72435	39478		40			METHOXYCHLOR IN WHOLE WATER DISSOLVED	UG/L	Pesticide
72435	39479		40			METHOXYCHLOR IN WHOLE WATER SUSPENDED	UG/L	Pesticide
72435	39480		40			METHOXYCHLOR IN WHOLE WATER SAMPLE	UG/L	Pesticide
56382	39540	0.065				PARATHION IN WHOLE WATER SAMPLE	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
56382	39542	0.065				PARATHION IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
56382	39543	0.065				PARATHION IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
1912249	39630		3.0			ATRAZINE(AATREX) IN WHOLE WATER SAMPLE	UG/L	Pesticide
1912249	39632		3.0			ATRAZINE DISSOLVED IN WATER	PPB	Pesticide
118741	39700	6.0 <sup>P</sup>	1.0			HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	UG/L	General Organic
87683	39702	90 <sup>*</sup>		32 <sup>*</sup>		HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE	UG/L	General Organic
1918021	39720		500			PICLORAM IN WHOLE WATER SAMPLE	UG/L	Pesticide
94757	39730		70			2,4-D IN WHOLE WATER SAMPLE	UG/L	Pesticide
94757	39732		70			2,4-D IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
94757	39733		70			2,4-D IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
93721	39760		50			SILVEX IN WHOLE WATER SAMPLE	UG/L	Pesticide
93721	39762		50			SILVEX IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
93721	39763		50			SILVEX IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
58899	39782	2.0	0.2	0.16		LINDANE IN WHOLE WATER SAMPLE	UG/L	Pesticide
1071836	39941		700			ROUNDUP IN WHOLE WATER SAMPLE (GLYPHOSATE)	UG/L	Pesticide
7782505	45650	0.019		0.013		CHLORINE, IN ORGANIC COMPOUNDS, WATER, WHOLE	MG/L	General Inorganic
56382	46315	0.065				ETHYL PARATHION IN WHOLE WATER SAMPLE	UG/L	Pesticide
58899	46322	2.0	0.2	0.16		LINDANE PLUS ISOMERS IN WHOLE WATER SAMPLE	UG/L	Pesticide
76448	46326	0.52	0.4	0.053		HEPTACHLOR AND METABOLITES IN WHOLE H2O SAMPLE	UG/L	Pesticide
15972608	46342		2.0			ALACHLOR (LASSO), WATER, DISSOLVED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7782505	46472	0.019		0.013		CHLORINE, TOTAL RESIDUAL, AVERAGE VALUE, WATER	MG/L	General Inorganic
7782505	46473	0.019		0.013		CHLORINE, FREE AVAILABLE, AVERAGE VALUE, WATER	MG/L	General Inorganic
57125	46479	22	200	1.0		CYANIDE, DISSOLVED, WATER	UG/L	General Inorganic
7440382	46551	360	50	69		ARSENIC, FIELD ACIDIFIED W/HNO3, LAB FILTERED	UG/L	Metal
7440393	46558		2000			BARIUM, FIELD ACIDIFIED W/HNO3-LAB FILT	UG/L	Metal
7440439	46559	3.9 <sup>+</sup>	5.0	43		CADMIUM, FIELD ACIDIFIED-HNO3-LAB FILTER	UG/L	Metal
7440473	46560		100			CHROMIUM, FIELD ACIDIFIED-HNO3-LAB FILT.	UG/L	Metal
7440508	46562	18 <sup>+</sup>	1300 <sup>a</sup>	2.9		COPPER, FIELD ACIDIFIED-HNO3- LAB FILTER.	UG/L	Metal
7439921	46564	82 <sup>+</sup>	15 <sup>a</sup>	220		LEAD, FIELD ACIDIFIED-HNO3-LAB FILTERED	UG/L	Metal
7440224	46566	4.1 <sup>+</sup>	100 <sup>s</sup>	0.12		SILVER, FIELD ACIDIFIED-HNO3-LAB FILTER.	UG/L	Metal
7440666	46567	120 <sup>+</sup>	5000 <sup>s</sup>	95		ZINC, EXTRACTABLE, FIELD ACID W/HNO3, LAB FILTR	UG/L	Metal
56382	49011	0.065				UNKNOWN AS PARATHION IN WHOLE WATER SAMPLE	UG/L	Pesticide
7782505	50058	0.019		0.013		CHLORINE DOSE	MG/L	General Inorganic
7782505	50060	0.019		0.013		CHLORINE, TOTAL RESIDUAL	MG/L	General Inorganic
7782505	50064	0.019		0.013		CHLORINE, FREE AVAILABLE	MG/L	General Inorganic
7782505	50066	0.019		0.013		CHLORINE, COMBINED AVAILABLE	MG/L	General Inorganic
7782505	50074	0.019		0.013		CHLORITE, WHOLE WATER	MG/L	General Inorganic
	61215				200 <sup>^</sup>	FECAL COLIFORM, GENERAL #/100ML	#/100ML	Bacteriological
16887006	70352	860	250 <sup>s</sup>			CHLORIDE, ORGANIC	MG/L	General Organic
14797558	71850		44			NITRATE NITROGEN, TOTAL (AS NO3)	MG/L	Nitrogen

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
14797558	71851		44			NITRATE NITROGEN, DISSOLVED (AS NO3)	MG/L	Nitrogen
14797650	71855		3.3			NITRITE NITROGEN, TOTAL (AS NO2)	MG/L	Nitrogen
14797650	71856		3.3			NITRITE NITROGEN, DISSOLVED (AS NO2)	MG/L	Nitrogen
7439976	71890	2.4	2.0	2.1		MERCURY, DISSOLVED	UG/L	Metal
7439976	71895	2.4	2.0	2.1		MERCURY, SUSPENDED	UG/L	Metal
7439976	71900	2.4	2.0	2.1		MERCURY, TOTAL	UG/L	Metal
7439976	71901	2.4	2.0	2.1		MERCURY, TOTAL RECOVERABLE IN WATER AS HG	UG/L	Metal
7440439	71946	3.9 <sup>+</sup>	5.0	43		CADMIUM, EXTRACTABLE	UG/L	Metal
7440473	71947		100			CHROMIUM, EXTRACTABLE	UG/L	Metal
7439921	71949	82 <sup>+</sup>	15 <sup>a</sup>	220		LEAD, EXTRACTABLE	UG/L	Metal
7440666	71950	120 <sup>+</sup>	5000 <sup>s</sup>	95		ZINC, EXTRACTABLE	UG/L	Metal
7440508	71951	18 <sup>+</sup>	1300 <sup>a</sup>	2.9		COPPER, EXTRACTABLE	UG/L	Metal
1336363	76011	2000	500	10000		PCBS, SUSPENDED, WATER	NG/L	General Organic
1336363	76012	2000	500	10000		PCBS, TOTAL RECOVERABLE, WATER	NG/L	General Organic
156592	77093		70			CIS-1,2-DICHLOROETHYLENE, WHOLE WATER	UG/L	General Organic
100425	77128		100			STYRENE, WHOLE WATER	UG/L	General Organic
106489	77296			29700 <sup>*</sup>		P-CHLOROPHENOL, WHOLE WATER	UG/L	General Organic
106934	77651		0.05			1,2-DIBROMOETHANE, WHOLE WATER	UG/L	General Organic
95954	77687	100 <sup>p</sup>		240 <sup>p</sup>		2,4,5-TRICHLOROPHENOL, WHOLE WATER	UG/L	General Organic
935955	77769			440 <sup>*</sup>		2,3,5,6-TETRACHLOROPHENOL, WHOLE WATER	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
103231	77903		400			BIS (2-ETHYLHEXYL) ADIPATE, WHOLE WATER	UG/L	General Organic
18540299	78247	16	100	1100		CHROMIUM, HEXAVALENT, TOTAL RECOVERABLE	UG/L	Metal
57125	78248	22	200	1.0		CYANIDE, TOTAL RECOVERABLE, WATER, WHOLE	UG/L	Metal
	78456	11*		12*		HALOMETHANES, SUMMATION, WHOLE WATER	MG/L	General Organic
14808798	78462		250 <sup>s</sup>			SULFATE, WATER, DISSOLVED AS S	MG/L	Metal
85007	78885		20			DIQUAT DIBROMIDE (REGLONE) WHOLE WATER SAMPLE	UG/L	Pesticide
7440611	80020		20 <sup>c</sup>			URANIUM, DISS. BY EXTRACTION FLUOROMETRIC	UG/L	Radiological
16065831	80357	1700	100	10300*		CHROMIUM, TRIVALENT, DISSOLVED	UG/L	Metal
57125	81208	0.022	0.2	0.001		CYANIDE,FREE (NOT AMENABLE TO CHLORINATION)	MG/L	General Inorganic
608731	81283	100*		0.34*		BENZENEHEXACHLORIDE, WHOLE WATER	UG/L	Pesticide
88857	81287		7.0			DNBP(C10H12N2O5), WHOLE WATER SAMPLE	UG/L	Pesticide
26638197	81327	23000*	5.0	10300*		DICHLOROPROPANE, WHOLE WATER SAMPLE	UG/L	General Organic
25321226	81333	1120*		1970*		DICHLOROBENZENE ISOMER, WHOLE WATER SAMPLE	UG/L	General Organic
2921882	81403	0.083		0.011		DURSBAN (CHLOROPYRIFOS) WHOLE WATER SAMPLE	UG/L	Pesticide
1563662	81405		40			CARBOFURAN (EURADAN) WHOLE WATER SAMPLE	UG/L	Pesticide
76017	81501	7240*		390*		PENTACHLOROETHANE, WHOLE WATER SAMPLE	UG/L	General Organic
25321226	81524	1120*		1970*		DICHLOROBENZENE, WHOLE WATER SAMPLE	UG/L	General Organic
25322207	81549	9320*				TETRACHLOROETHANE, WHOLE WATER SAMPLE	UG/L	General Organic
26638197	81703	23*	0.005*	10.3*		DICHLOROPROPANE, WHOLE WATER SAMPLE	MG/L	General Organic
7440508	81750	18 <sup>+</sup>	1300 <sup>a</sup>	2.9		COPPER, INTERSTITIAL WATERFROM SEDIMENTS	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440020	81752	1400 <sup>+</sup>	100	75		NICKEL, INTERSTITIAL WATER FROM SEDIMENTS	UG/L	Metal
7440666	81754	120 <sup>+</sup>	5000 <sup>s</sup>	95		ZINC, INTERSTITIAL WATER FROM SEDIMENTS	UG/L	Metal
25323891	81853	18000 <sup>*</sup>				TRICHLOROETHANE, WHOLE WATER SAMPLE	UG/L	General Organic
7439976	81931	2.4	2.0	2.1		MERCURY (HG) SUSPENDED FRACTION OF WATER	UG/G	Metal
7440666	81933	120 <sup>+</sup>	5000 <sup>s</sup>	95		ZINC (ZN) SUSPENDED FRACTION OF WATER	UG/G	Metal
7439921	81936	82 <sup>+</sup>	15 <sup>a</sup>	220		LEAD (PB) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440439	81937	3.9 <sup>+</sup>	5.0	43		CADMIUM (CD) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440473	81938		100			CHROMIUM (CR) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440508	81939	18 <sup>+</sup>	1300 <sup>a</sup>	2.9		COPPER (CU) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440666	81940	120 <sup>+</sup>	5000 <sup>s</sup>	95		ZINC (ZN) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440473	81941		100			CHROMIUM (CR) DISSOLVED ANIONIC SPECIES	UG/L	Metal
7440508	81942	18 <sup>+</sup>	1300 <sup>a</sup>	2.9		COPPER (CU) DISSOLVED ANIONIC SPECIES	UG/L	Metal
7440666	81943	120 <sup>+</sup>	5000 <sup>s</sup>	95		ZINC (ZN) DISSOLVED ANIONIC SPECIES	UG/L	Metal
	82078				50 <sup>l</sup>	TURBIDITY, FIELD	NTU	Physical
	82079				50 <sup>l</sup>	TURBIDITY, LAB	NTU	Physical
88857	82226		7.0			2 SECONDARY BUTYL 4,6-DINITROPHENOL	UG/L	Pesticide
16887006	82295	860000	250000 <sup>s</sup>			CHLORIDE DISSOLVED AS CL IN WATER	UG/L	General Inorganic
72435	82350		40			METHOXYCHLOR, DISSOLVED IN WATER	UG/L	Pesticide
72435	82351		40			METHOXYCHLOR, SUSPENDED IN WATER	UG/L	Pesticide
115297	82354	0.22		0.034		ENDOSULFAN, DISSOLVED IN WATER	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
115297	82355	0.22		0.034		ENDOSULFAN, SUSPENDED IN WATER	UG/L	Pesticide
57125	82573	0.022	0.2	0.001		CYANIDE/CHLORINATION IN WATER	MG/L	General Inorganic
1646873	82586		4.0			ALDICARB SULFOXIDE, WATER, TOTAL RECOVERABLE	UG/L	General Organic
1646884	82587		2.0			ALDICARB SULFONE, WHOLE WATER, TOTAL RECOVERABLE	UG/L	General Organic
23135220	82613		200			OXAMYL, WHOLE WATER, TOTAL RECOVERABLE	UG/L	Pesticide
1563662	82615		40			CARBOFURAN, WHOLE WATER, TOTAL RECOVERABLE	UG/L	Pesticide
116063	82619		3.0			ALDICARB, WHOLE WATER, TOTAL RECOVERABLE	UG/L	Pesticide
33213659	82624	0.22		0.034		ENDOSULFAN, BETA, WH WATER, TOTAL RECOVERABLE	UG/L	Pesticide
96128	82625		0.2			DIBROMOCHLOROPROPANE, WATER, TOTAL RECOVERABLE	UG/L	Pesticide

**Footnote Key:**

\*Insufficient Data to Develop Criteria. Value Presented is the L.O.E.L. - Lowest Observed Effect Level.

+Hardness Dependent Criteria (100 mg/L CaCO<sub>3</sub> Used).

\*\*\*pH Dependent Criteria (7.8 pH Used).

▬Rule of thumb criterion used by the NPS Air Quality Division for determining sensitivity to acid deposition.

^Freshwater bathing criterion, EPA geometric mean based on at least 5 samples equally spaced over a 30-day period; Enterococci marine water bathing criterion 35 CFU/100 ml.

#EPA freshwater aquatic life chronic criterion; marine criterion is ≤6.5, ≥8.5.

!Arizona state standard.

<sup>a</sup>EPA action level, 40 CFR 141.80.

<sup>b</sup>California and Florida state bathing water standards.

<sup>c</sup>A Compilation of Water Quality Goals, California Regional Water Quality Control Board Central Valley Region, Sacramento, California, September, 1991.

<sup>n</sup>Total coliform drinking water maximum contaminant level (1 cfu/100ml or 1 mpn/100ml) was not used in water quality criteria comparisons.

<sup>p</sup>Proposed Criterion.

<sup>r</sup>Average annual concentration assumed to produce a total body or organ dose of 4 mrem/year, 40 CFR 141.16.

<sup>s</sup>EPA National Secondary Drinking Water Regulation, 40 CFR 143.

<sup>t</sup>The maximum contaminant level for the sum of the concentrations of trihalomethanes is 100 µg/L, 40 CFR 141.12.

<sup>u</sup>Coldwater criterion one day minimum; warmwater criterion seven day mean minimum.



## Appendix G

### Inventory Data Evaluation and Analysis (IDEA) Servicewide Inventory and Monitoring Program "Level I" Parameter Groups

The following table provides the Servicewide Inventory and Monitoring Program's "Level I" water quality inventory parameter groups (National Park Service 1993). In order to determine the presence and/or absence of data for each of these parameter groups in the park, the parameter groups had to be defined by STORET parameter codes. This table provides the STORET codes and parameter descriptions for each parameter comprising one of the Servicewide Inventory and Monitoring Program's "Level I" water quality parameter groups. Additional parameters could have been incorporated into each group, but an effort was made to represent each group with the parameters deemed to most likely occur in STORET and parks. The Toxic Elements Parameter Group was defined as the EPA's Clean Water Act Section 304(a) Priority Toxic Pollutants (40 CFR 131.36). Parameters are listed in ascending order of STORET code within each parameter group. It is important to note that similar parameters often have non-consecutive codes. Consequently, scanning the entire list is necessary to find all the parameters of a particular type (eg. lead, copper, etc.). Refer to the Parameter Period of Record Tabulation to obtain the STORET code for any parameter measured in the park.

<b>STORET Code</b>	<b>Water Temperature Parameter Group</b>	<b>C.A.S. Number</b>
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	-
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	-
<b>STORET Code</b>	<b>Flow Parameter Group<sup>1</sup></b>	<b>C.A.S. Number</b>
00056	FLOW RATE, GALLONS/DAY	-
00058	FLOW RATE, GALLONS/MIN.	-
00059	FLOW RATE, INSTANTANEOUS, GALLONS/MINUTE	-
00060	FLOW, STREAM, MEAN DAILY CFS	-
00061	FLOW, STREAM, INSTANTANEOUS CFS	-
00065	STAGE, STREAM (FEET)	-
00067	TIDE STAGE CODE	-
00072	STAGE, STREAM (METERS)	-

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<sup>1</sup>Tide stage is included in the Flow Parameter Group for coastal parks.

<b>STORET Code</b>	<b>Clarity/Turbidity Parameter Group</b>	<b>C.A.S. Number</b>
00070	TURBIDITY, (JACKSON CANDLE UNITS)	-
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	-
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	-
00077	TRANSPARENCY, SECCHI DISC (INCHES)	-
00078	TRANSPARENCY, SECCHI DISC (METERS)	-
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	-
82078	TURBIDITY, FIELD NEPHELOMETRIC TURBIDITY UNITS NTU	-
82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	-
<b>STORET Code</b>	<b>Conductivity Parameter Group</b>	<b>C.A.S. Number</b>
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	-
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	-
00096	SALINITY AT 25 DEGREES C (MG/ML)	-
00480	SALINITY - PARTS PER THOUSAND	-
<b>STORET Code</b>	<b>Dissolved Oxygen Parameter Group</b>	<b>C.A.S. Number</b>
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE (MG/L)	7782447
00300	OXYGEN, DISSOLVED (MG/L)	7782447
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION	7782447
00389	OXYGEN, DISSOLVED, LAB ANAL. BY PROBE OF FIELD SAMPLE (MG/L)	7782447
<b>STORET Code</b>	<b>pH Parameter Group</b>	<b>C.A.S. Number</b>
00400	PH (STANDARD UNITS)	-
00403	PH, LAB (STANDARD UNITS)	-
00406	PH, FIELD (STANDARD UNITS)	-

STORET Code	Alkalinity Parameter Group	C.A.S. Number
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYSIS ( $\mu$ EQ/L)	471341
00410	ALKALINITY, TOTAL (MG/L AS $\text{CaCO}_3$ )	471341
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	77098
00430	ALKALINITY, CARBONATE (MG/L AS $\text{CaCO}_3$ )	471341
00435	ACIDITY, TOTAL (MG/L AS $\text{CaCO}_3$ )	471341
00440	BICARBONATE ION (MG/L AS $\text{HCO}_3$ )	71523
00445	CARBONATE ION (MG/L AS $\text{CO}_3$ )	3812326
STORET Code	Nitrate/Nitrogen Parameter Group	C.A.S. Number
00600	NITROGEN, TOTAL (MG/L AS N)	17778880
00602	NITROGEN, DISSOLVED (MG/L AS N)	17778880
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	17778880
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	17778880
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	17778880
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	17778880
00612	AMMONIA, UNIONIZED (MG/L AS N)	7664417
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	17778880
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	17778880
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	17778880
00625	NITROGEN, KJELDAHL, TOTAL (MG/L AS N)	17778880
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	17778880
00631	NITRITE PLUS NITRATE, DISSOLVED 1 DET. (MG/L AS N)	17778880
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS $\text{NH}_4$ )	14798039
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS $\text{NH}_4$ )	14798039
71850	NITRATE NITROGEN, TOTAL (MG/L AS $\text{NO}_3$ )	14797558
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS $\text{NO}_3$ )	14797558
71855	NITRITE NITROGEN, TOTAL (MG/L AS $\text{NO}_2$ )	14797650
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS $\text{NO}_2$ )	14797650

STORET Code	Phosphate/Phosphorus Parameter Group	C.A.S. Number
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	14265442
00655	PHOSPHATE, POLY (MG/L AS PO4)	14265442
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	14265442
00665	PHOSPHORUS, TOTAL (MG/L AS P)	7723140
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	7723140
00670	PHOSPHORUS, TOTAL ORGANIC (MG/L AS P)	7723140
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	7723140
70505	PHOSPHORUS, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	7723140
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	7723140
STORET Code	Sulfates/Total Dissolved Solids/Hardness Parameter Group	C.A.S. Number
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	471341
00945	SULFATE, TOTAL (MG/L AS SO4)	14808798
00946	SULFATE, DISSOLVED (MG/L AS SO4)	14808798
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), (MG/L)	-
STORET Code	Chlorophyll Parameter Group	C.A.S. Number
32209	CHLOROPHYLL A (UG/L) FLUOROMETRIC CORRECTED	479618
32210	CHLOROPHYLL A (UG/L) TRICHROMATIC UNCORRECTED	479618
32211	CHLOROPHYLL A (UG/L) SPECTROPHOTOMETRIC ACID METH.	479618
32217	CHLOROPHYLL A (UG/L) FLUOROMETRIC UNCORRECTED	479618
32223	CHLOROPHYLL A (MG/M2) SPECTROPHOTOMETRIC CORRECTED	479618
32228	CHLOROPHYLL A (MG/M2) PERIPHYTON SPECTRO.	479618
32229	CHLOROPHYLL A (MG/M2) FLUOR. CORRECTED, SUBSTRATER	479618
32230	CHLOROPHYLL A (MG/L)	479618

<b>STORET Code</b>	<b>Bacteria Parameter Group</b>	<b>C.A.S. Number</b>
00111	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI	-
31501	COLIFORM, TOT, MEMBRANE FILTER, IMMED., M-ENDO MED,35C	-
31503	COLIFORM, TOT, MEMBRANE FILTER, DELAY, M-ENDO MED, 35C	-
31504	COLIFORM, TOT, MEMBRANE FILTER, IMMED., LES-ENDO AGAR, 35C	-
31505	COLIFORM, TOT, MPN, CONFIRMED TEST,35C(TUBE 31506)	-
31506	COLIFORM, TOT, MPN, CONFIRMED TEST, TUBE CONFIG.	-
31507	COLIFORM, TOT, MPN, COMPLETED TEST,35C(TUBE 31508)	-
31508	COLIFORM, TOT, MPN, COMPLETED TEST, TUBE CONFIG.	-
31613	FECAL COLIFORM, MEMBR, FILTER,M-FC AGAR,44.5C,24HR	-
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	-
31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	-
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5C	-
31617	FECAL COLIFORM, MPN,EIJKMAN TEST,44.5C(TUBE 31618)	-
31625	FECAL COLIFORM, MF, M-FC, 0.7 UM	-
31648	E. COLI - MTEC-MF	-
31649	ENTEROCOCCI- ME-MF	-
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	-
31676	FECAL STREPTOCOCCI, MPN, KF BROTH, TUBE CONFIG.	-
31677	FECAL STREPTOCOCCI, MPN, AD-EVA, 35C (TUBE 31678)	-
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	-
61214	FECAL STREPTOCOCCI, GENERAL #/100ML	-
61215	FECAL COLIFORM, GENERAL #/100ML	-
<b>STORET Code</b>	<b>Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants)</b>	<b>C.A.S. Number</b>
00718	CYANIDE, WEAK ACID, DISSOC. WATER, WHOLE (UG/L)	57125
00719	CYANIDE, FREE, IN WATER & WASTEWATERS, HBG (UG/L)	57125
00720	CYANIDE, TOTAL (MG/L AS CN)	57125
00722	CYANIDE, FREE (AMENABLE TO CHLORINATION) (MG/L)	57125

<b>STORET Code</b>	<b>Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-</b>	<b>C.A.S. Number</b>
00723	CYANIDE, DISSOLVED STD METHOD (UG/L)	57125
00724	CYANIDE COMPLEXED TO A RANGE OF COMPNDS (UG/L)	57125
00969	CHRYSTILE ASBESTOS FIBERS/LITER	1332214
00973	AMPHIBOLE ASBESTOS FIBERS/LITER	1332214
00976	AMBIGUOUS ASBESTOS FIBERS/LITER	1332214
00977	NON-AMPHIBOLE NON-CHRYSTILE ASBESTOS FIBERS/LITER	1332214
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS AS	7440382
00981	SELENIUM, TOTAL RECOVERABLE IN WATER AS SE (UG/L)	7782492
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS (UG/L)	7440280
00990	SELENITE, TOTAL RECOVERABLE INORGANIC (UG/L)	7782492
00991	ARSENIC, TOTAL RECOVER. TRIVALENT INORGANIC (UG/L)	7440382
00995	ARSENIC, INORGANIC DISSOLVED (UG/L AS AS)	7440382
00996	ARSENIC, INORGANIC SUSPENDED (UG/L AS AS)	7440382
00997	ARSENIC, INORGANIC TOTAL (UG/L AS AS)	7440382
00998	BERYLLIUM, TOTAL RECOVERABLE IN WATER AS BE (UG/L)	7440417
01000	ARSENIC, DISSOLVED (UG/L AS AS)	7440382
01001	ARSENIC, SUSPENDED (UG/L AS AS)	7440382
01002	ARSENIC, TOTAL (UG/L AS AS)	7440382
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	7440417
01011	BERYLLIUM, SUSPENDED (UG/L AS BE)	7440417
01012	BERYLLIUM, TOTAL (UG/L AS BE)	7440417
01025	CADMIUM, DISSOLVED (UG/L AS CD)	7440439
01026	CADMIUM, SUSPENDED (UG/L AS CD)	7440439
01027	CADMIUM, TOTAL (UG/L AS CD)	7440439
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	7440473
01031	CHROMIUM, SUSPENDED (UG/L AS CR)	7440473
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	7440473
01033	CHROMIUM, TRI-VAL (UG/L AS CR)	16065831
01034	CHROMIUM, TOTAL (UG/L AS CR)	7440473

<b>STORET Code</b>	<b>Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-</b>	<b>C.A.S. Number</b>
01040	COPPER, DISSOLVED (UG/L AS CU)	7440508
01041	COPPER, SUSPENDED (UG/L AS CU)	7440508
01042	COPPER, TOTAL (UG/L AS CU)	7440508
01049	LEAD, DISSOLVED (UG/L AS PB)	7439921
01050	LEAD, SUSPENDED (UG/L AS PB)	7439921
01051	LEAD, TOTAL (UG/L AS PB)	7439921
01057	THALLIUM, DISSOLVED (UG/L AS TL)	7440280
01058	THALLIUM, SUSPENDED (UG/L AS TL)	7440280
01059	THALLIUM, TOTAL (UG/L AS TL)	7440280
01065	NICKEL, DISSOLVED (UG/L AS NI)	7440020
01066	NICKEL, SUSPENDED (UG/L AS NI)	7440020
01067	NICKEL, TOTAL (UG/L AS NI)	7440020
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI (UG/L)	7440020
01075	SILVER, DISSOLVED (UG/L AS AG)	7440224
01076	SILVER, SUSPENDED (UG/L AS AG)	7440224
01077	SILVER, TOTAL (UG/L AS AG)	7440224
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG (UG/L)	7440224
01089	COPPER AS SUSPENDED BLACK OXIDE IN WATER (MG/L)	7440508
01090	ZINC, DISSOLVED (UG/L AS ZN)	7440666
01091	ZINC, SUSPENDED (UG/L ZN)	7440666
01092	ZINC, TOTAL (UG/L AS ZN)	7440666
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN (UG/L)	7440666
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	7440360
01096	ANTIMONY, SUSPENDED (UG/L AS SB)	7440360
01097	ANTIMONY, TOTAL (UG/L AS SB)	7440360
01113	CADMIUM, TOTAL RECOVERABLE IN WATER AS CD (UG/L)	7440439
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB (UG/L)	7439921
01118	CHROMIUM, TOTAL RECOVERABLE IN WATER AS CR (UG/L)	7440473
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU (UG/L)	7440508

<b>STORET Code</b>	<b>Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-</b>	<b>C.A.S. Number</b>
01124	THALLIUM, ACID SOLUBLE, WATER, WHOLE (UG/L)	7440280
01128	THALLIUM, TOTAL RECOVERABLE <95%, UG/L AS TL	7440280
01138	SELENIUM, IN WATER, LBS/DAY	7782492
01145	SELENIUM, DISSOLVED (UG/L AS SE)	7782492
01146	SELENIUM, SUSPENDED (UG/L AS SE)	7782492
01147	SELENIUM, TOTAL (UG/L AS SE)	7782492
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE (UG/L)	7782492
01220	CHROMIUM, HEXAVALENT, DISSOLVED IN (UG/L AS CR)	18540299
01252	ARSENIC, LB/DAY/CFS STREAM FLOW	7440382
01253	CADMIUM, LB/DAY/CFS STREAM FLOW	7440439
01254	CHROMIUM, TOTAL (LBS/DAY/CFS STREAM FLOW)	7740473
01255	CHROMIUM, HEXAVALENT, LB/DAY/CFS STREAM FLOW	18540299
01256	COPPER, LB/DAY/CFS STREAM FLOW	7440508
01257	CYANIDE LB/DAY/CFS STREAM FLOW	57125
01259	LEAD, LB/DAY/CFS STREAM FLOW	7439921
01260	MERCURY, LB/DAY/CFS STREAM FLOW	7439976
01261	NICKEL, LB/DAY/CFS STREAM FLOW	7440020
01263	SILVER, LB/DAY/CFS STREAM FLOW	7440224
01264	ZINC LB/DAY/CFS STREAM FLOW	7440666
01268	ANTIMONY, (SB), WATER, TOTAL RECOVERABLE (UG/L)	7440360
01291	CYANIDE, FILTERABLE, TOTAL IN WATER (UG/L)	57125
01303	ZINC, POTENTIALLY DISSOLVED WATER (MG/L)	7440666
01304	SILVER, POTENTIALLY DISSOLVED WATER (MG/L)	7440224
01306	COPPER, POTENTIALLY DISSOLVED WATER (MG/L)	7440508
01307	CHROMIUM, HEXAVALENT, POTENT. DISS. WATER (MG/L)	18540299
01309	ARSENIC, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440382
01312	BERYLLIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440417
01313	CADMIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440439



<b>STORET Code</b>	<b>Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-</b>	<b>C.A.S. Number</b>
01314	CHROMIUM, TRIVALENT, POTENT., DISS., WATER (MG/L)	16065831
01318	LEAD, POTENTIALLY, DISSOLVED, WATER (MG/L)	7439921
01321	MERCURY, POTENTIALLY, DISSOLVED, WATER (MG/L)	7439976
01322	NICKEL, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440020
01323	SELENIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7782492
01324	THALLIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440280
01523	SILVER, IONIC (UG/L)	7440224
22675	SELENIUM, DISSOLVED ORGANIC (UG/L)	7782492
22676	SELENIUM, HEXAVALENT, DISSOLVED (UG/L)	7782492
22677	SELENIUM, TETRAVALENT, DISSOLVED	7782492
22678	ARSENIC, DISSOLVED ORGANIC (UG/L)	7440382
22679	ARSENIC, PENTAVALENT, DISSOLVED (UG/L)	7440382
22680	ARSENIC, TRIVALENT, DISSOLVED (UG/L)	7440382
30197	2-CHLOROETHYL VINYL ETHER, WATER, WHL, RECOVER (UG/L)	110758
30201	CHLOROMETHANE, WATER, WHOLE, RECOVERABLE (UG/L)	74873
30202	BROMOMETHANE, WATER, WHOLE, RECOVERABLE (UG/L)	74839
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXT. (UG/L)	67663
32005	CARBON CHLOROFORM EXTRACTABLES (UG/L)	67663
32021	CARBON CHLOROFORM EXTRACTS, ETHER INSOLUBLE (UG/L)	67663
32022	CARBON CHLOROFORM EXTRACTS, WATER SOLUBLES (UG/L)	67663
32101	BROMODICHLOROMETHANE, WHOLE WATER (UG/L)	75274
32102	CARBON TETRACHLORIDE, WHOLE WATER, (UG/L)	56235
32103	1,2-DICHLOROETHANE, WHOLE WATER (UG/L)	107062
32104	BROMOFORM, WHOLE WATER, (UG/L)	75252
32105	DIBROMOCHLOROMETHANE, WHOLE WATER, (UG/L)	124481
32106	CHLOROFORM, WHOLE WATER (UG/L)	67663
32260	CARBON TETRACHLORIDE EXTRACTABLES (MG/L)	56235
32270	CHLOROFORM EXTRACTABLES TOTAL IN MG PER LITER	67663

<b>STORET Code</b>	<b>Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-</b>	<b>C.A.S. Number</b>
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXT. (UG/L)	108883
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXT. (UG/L)	71432
34198	BHC-DELTA, WATER, WHOLE (LBS/DAY)	319868
34200	ACENAPHTHYLENE, TOTAL (UG/L)	208968
34201	ACENAPHTHYLENE, DISSOLVED (UG/L)	208968
34202	ACENAPHTHYLENE, SUSPENDED (UG/L)	208968
34205	ACENAPHTHENE, TOTAL (UG/L)	83329
34206	ACENAPHTHENE, DISSOLVED (UG/L)	83329
34207	ACENAPHTHENE, SUSPENDED (UG/L)	83329
34210	ACROLEIN, TOTAL (UG/L)	107028
34211	ACROLEIN, DISSOLVED (UG/L)	107028
34212	ACROLEIN, SUSPENDED (UG/L)	107028
34215	ACRYLONITRILE, TOTAL (UG/L)	107131
34216	ACRYLONITRILE, DISSOLVED (UG/L)	107131
34217	ACRYLONITRILE, SUSPENDED (UG/L)	107131
34220	ANTHRACENE, TOTAL (UG/L)	120127
34221	ANTHRACENE, DISSOLVED (UG/L)	120127
34222	ANTHRACENE, SUSPENDED (UG/L)	120127
34225	ASBESTOS (FIBROUS) TOTAL (UG/L)	1332214
34226	ASBESTOS (FIBROUS) DISSOLVED (UG/L)	1332214
34227	ASBESTOS (FIBROUS) SUSPENDED (UG/L)	1332214
34230	BENZO(B)FLUORANTHENE, WHOLE WATER (UG/L)	205992
34231	BENZO(B)FLUORANTHENE, DISSOLVED (UG/L)	205992
34232	BENZO(B)FLUORANTHENE, SUSPENDED (UG/L)	205992
34235	BENZENE, DISSOLVED (UG/L)	71432
34236	BENZENE, SUSPENDED (UG/L)	71432
34239	BENZIDINE, DISSOLVED (UG/L)	92875
34240	BENZIDINE, SUSPENDED (UG/L)	92875

<b>STORET Code</b>	<b>Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-</b>	<b>C.A.S. Number</b>
34242	BENZO(K)FLUORANTHENE, TOTAL (UG/L)	207089
34243	BENZO(K)FLUORANTHENE, DISSOLVED (UG/L)	207089
34244	BENZO(K)FLUORANTHENE, SUSPENDED (UG/L)	207089
34247	BENZO-A-PYRENE, TOTAL (UG/L)	50328
34248	BENZO-A-PYRENE, DISSOLVED (UG/L)	50328
34249	BENZO-A-PYRENE, SUSPENDED (UG/L)	50328
34253	A-BHC-ALPHA, DISSOLVED (UG/L)	319846
34254	A-BHC-ALPHA, SUSPENDED (UG/L)	319846
34255	B-BHC-BETA, DISSOLVED (UG/L)	319857
34256	B-BHC-BETA, SUSPENDED (UG/L)	319857
34259	DELTA BENZENE HEXACHLORIDE, TOTAL (UG/L)	319868
34260	DELTA BENZENE HEXACHLORIDE, DISSOLVED (UG/L)	319868
34261	DELTA BENZENE HEXACHLORIDE, SUSPENDED (UG/L)	319868
34265	R-BHC (LINDANE) GAMMA, DISSOLVED (UG/L)	58899
34266	R-BHC (LINDANE) GAMMA, SUSPENDED (UG/L)	58899
34273	BIS (2-CHLOROETHYL) ETHER, TOTAL (UG/L)	111444
34274	BIS (2-CHLOROETHYL) ETHER, DISSOLVED (UG/L)	111444
34275	BIS (2-CHLOROETHYL) ETHER, SUSPENDED (UG/L)	111444
34278	BIS (2-CHLOROETHOXY) METHANE, TOTAL (UG/L)	111911
34279	BIS (2-CHLOROETHOXY) METHANE, DISSOLVED (UG/L)	111911
34280	BIS (2-CHLOROETHOXY) METHANE, SUSPENDED (UG/L)	111911
34288	BROMOFORM, DISSOLVED (UG/L)	75252
34289	BROMOFORM, SUSPENDED (UG/L)	75252
34292	N-BUTYL BENZYL PHTHALATE, WHOLE WATER (UG/L)	85687
34293	N-BUTYL BENZYL PHTHALATE, DISSOLVED (UG/L)	85687
34294	N-BUTYL BENZYL PHTHALATE, SUSPENDED (UG/L)	85687
34297	CARBON TETRACHLORIDE, DISSOLVED (UG/L)	56235
34298	CARBON TETRACHLORIDE, SUSPENDED (UG/L)	56235

<b>STORET Code</b>	<b>Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-</b>	<b>C.A.S. Number</b>
34301	CHLOROBENZENE, TOTAL (UG/L)	108907
34302	CHLOROBENZENE, DISSOLVED (UG/L)	108907
34303	CHLOROBENZENE, SUSPENDED (UG/L)	108907
34306	CHLORODIBROMOMETHANE, TOTAL (UG/L)	124481
34307	CHLORODIBROMOMETHANE, DISSOLVED (UG/L)	124481
34308	CHLORODIBROMOMETHANE, SUSPENDED (UG/L)	124481
34311	CHLOROETHANE, TOTAL (UG/L)	75003
34312	CHLOROETHANE, DISSOLVED (UG/L)	75003
34313	CHLOROETHANE, SUSPENDED (UG/L)	75003
34316	CHLOROFORM, DISSOLVED (UG/L)	67663
34317	CHLOROFORM, SUSPENDED (UG/L)	67663
34320	CHRYSENE, TOTAL (UG/L)	218019
34321	CHRYSENE, DISSOLVED (UG/L)	218019
34322	CHRYSENE, SUSPENDED (UG/L)	218019
34325	CYANIDE, SUSPENDED (MG/L)	57125
34327	DI-N-BUTYL PHTHALATE, DISSOLVED (UG/L)	84742
34328	DICHLOROBROMOMETHANE, DISSOLVED (UG/L)	75274
34329	DICHLOROBROMOMETHANE, SUSPENDED (UG/L)	75274
34336	DIETHYL PHTHALATE, TOTAL (UG/L)	84662
34337	DIETHYL PHTHALATE, DISSOLVED (UG/L)	84662
34338	DIETHYL PHTHALATE, SUSPENDED (UG/L)	84662
34341	DIMETHYL PHTHALATE, TOTAL (UG/L)	131113
34342	DIMETHYL PHTHALATE, DISSOLVED (UG/L)	131113
34343	DIMETHYL PHTHALATE, SUSPENDED (UG/L)	131113
34346	1,2-DIPHENYLHYDRAZINE, TOTAL (UG/L)	122667
34347	1,2-DIPHENYLHYDRAZINE, DISSOLVED (UG/L)	122667
34348	1,2-DIPHENYLHYDRAZINE, SUSPENDED (UG/L)	122667
34351	ENDOSULFAN SULFATE, TOTAL (UG/L)	1031078

<b>STORET Code</b>	<b>Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-</b>	<b>C.A.S. Number</b>
34352	ENDOSULFAN SULFATE, DISSOLVED (UG/L)	1031078
34353	ENDOSULFAN SULFATE, SUSPENDED (UG/L)	1031078
34356	ENDOSULFAN, BETA, TOTAL (UG/L)	33213659
34357	ENDOSULFAN, BETA, DISSOLVED (UG/L)	33213659
34358	ENDOSULFAN, BETA, SUSPENDED (UG/L)	33213659
34361	ENDOSULFAN, ALPHA, TOTAL (UG/L)	959988
34362	ENDOSULFAN, ALPHA, DISSOLVED (UG/L)	959988
34363	ENDOSULFAN, ALPHA, SUSPENDED (UG/L)	959988
34371	ETHYLBENZENE, TOTAL (UG/L)	100414
34372	ETHYLBENZENE, DISSOLVED (UG/L)	100414
34373	ETHYLBENZENE, SUSPENDED (UG/L)	100414
34376	FLUORANTHENE, TOTAL (UG/L)	206440
34377	FLUORANTHENE, DISSOLVED (UG/L)	206440
34378	FLUORANTHENE, SUSPENDED (UG/L)	206440
34381	FLUORENE, TOTAL (UG/L)	86737
34382	FLUORENE, DISSOLVED (UG/L)	86737
34383	FLUORENE, SUSPENDED (UG/L)	86737
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL (UG/L)	77474
34387	HEXACHLOROCYCLOPENTADIENE, DISSOLVED (UG/L)	77474
34388	HEXACHLOROCYCLOPENTADIENE, SUSPENDED (UG/L)	77474
34391	HEXACHLOROBUTADIENE, TOTAL (UG/L)	87683
34392	HEXACHLOROBUTADIENE, DISSOLVED (UG/L)	87683
34393	HEXACHLOROBUTADIENE, SUSPENDED (UG/L)	87683
34396	HEXACHLOROETHANE, TOTAL (UG/L)	67721
34397	HEXACHLOROETHANE, DISSOLVED (UG/L)	67721
34398	HEXACHLOROETHANE, SUSPENDED (UG/L)	67721
34401	HEXACHLOROBENZENE, DISSOLVED (UG/L)	118741
34402	HEXACHLOROBENZENE, SUSPENDED (UG/L)	118741

<b>STORET Code</b>	<b>Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-</b>	<b>C.A.S. Number</b>
34403	INDENO (1,2,3-CD) PYRENE, TOTAL (UG/L)	193395
34404	INDENO (1,2,3-CD) PYRENE, DISSOLVED (UG/L)	193395
34405	INDENO (1,2,3-CD) PYRENE, SUSPENDED (UG/L)	193395
34408	ISOPHORONE, TOTAL (UG/L)	78591
34409	ISOPHORONE, DISSOLVED (UG/L)	78591
34410	ISOPHORONE, SUSPENDED (UG/L)	78591
34413	METHYL BROMIDE, TOTAL (UG/L)	74839
34414	METHYL BROMIDE, DISSOLVED (UG/L)	74839
34415	METHYL BROMIDE, SUSPENDED (UG/L)	74839
34418	METHYL CHLORIDE, TOTAL (UG/L)	74873
34419	METHYL CHLORIDE, DISSOLVED (UG/L)	74873
34420	METHYL CHLORIDE, SUSPENDED (UG/L)	74873
34423	METHYLENE CHLORIDE, TOTAL (UG/L)	75092
34424	METHYLENE CHLORIDE, DISSOLVED (UG/L)	75092
34425	METHYLENE CHLORIDE, SUSPENDED (UG/L)	75092
34428	N-NITROSODI-N-PROPYLAMINE, TOTAL (UG/L)	621647
34429	N-NITROSODI-N-PROPYLAMINE, DISSOLVED (UG/L)	621647
34430	N-NITROSODI-N-PROPYLAMINE, SUSPENDED (UG/L)	621647
34433	N-NITROSODIPHENYLAMINE, TOTAL (UG/L)	86306
34434	N-NITROSODIPHENYLAMINE, DISSOLVED (UG/L)	86306
34435	N-NITROSODIPHENYLAMINE, SUSPENDED (UG/L)	86306
34438	N-NITROSODIMETHYLAMINE, TOTAL (UG/L)	62759
34439	N-NITROSODIMETHYLAMINE, DISSOLVED (UG/L)	62759
34440	N-NITROSODIMETHYLAMINE, SUSPENDED (UG/L)	62759
34443	NAPHTHALENE, DISSOLVED (UG/L)	91203
34444	NAPHTHALENE, SUSPENDED (UG/L)	91203
34447	NITROBENZENE, TOTAL (UG/L)	98953
34448	NITROBENZENE, DISSOLVED (UG/L)	98953

<b>STORET Code</b>	<b>Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-</b>	<b>C.A.S. Number</b>
34449	NITROBENZENE, SUSPENDED (UG/L)	98953
34452	PARACHLOROMETA CRESOL, TOTAL (UG/L)	59507
34453	PARACHLOROMETA CRESOL, DISSOLVED (UG/L)	59507
34454	PARACHLOROMETA CRESOL, SUSPENDED (UG/L)	59507
34457	PCB - 1242, DISSOLVED (UG/L)	53469219
34458	PCB - 1242, SUSPENDED (UG/L)	53469219
34459	PCP (PENTACHLOROPHENOL), DISSOLVED (UG/L)	87865
34460	PCP (PENTACHLOROPHENOL), SUSPENDED (UG/L)	87865
34461	PHENANTHRENE, TOTAL (UG/L)	85018
34462	PHENANTHRENE, DISSOLVED (UG/L)	85018
34463	PHENANTHRENE, SUSPENDED (UG/L)	85018
34466	PHENOL, DISSOLVED (UG/L)	108952
34467	PHENOL, SUSPENDED (UG/L)	108952
34469	PYRENE, TOTAL (UG/L)	129000
34470	PYRENE, DISSOLVED (UG/L)	129000
34471	PYRENE, SUSPENDED (UG/L)	129000
34475	TETRACHLOROETHYLENE, TOTAL (UG/L)	127184
34476	TETRACHLOROETHYLENE, DISSOLVED (UG/L)	127184
34477	TETRACHLOROETHYLENE, SUSPENDED (UG/L)	127184
34481	TOLUENE, DISSOLVED (UG/L)	108883
34482	TOLUENE, SUSPENDED (UG/L)	108883
34485	TRICHLOROETHYLENE, DISSOLVED (UG/L)	79016
34486	TRICHLOROETHYLENE, SUSPENDED (UG/L)	79016
34493	VINYL CHLORIDE, DISSOLVED (UG/L)	75014
34494	VINYL CHLORIDE, SUSPENDED (UG/L)	75014
34496	1,1-DICHLOROETHANE, TOTAL (UG/L)	75343
34497	1,1-DICHLOROETHANE, DISSOLVED (UG/L)	75343
34498	1,1-DICHLOROETHANE, SUSPENDED (UG/L)	75343

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34501	1,1-DICHLOROETHYLENE, TOTAL (UG/L)	75354
34502	1,1-DICHLOROETHYLENE, DISSOLVED (UG/L)	75354
34503	1,1-DICHLOROETHYLENE, SUSPENDED (UG/L)	75354
34506	1,1,1-TRICHLOROETHANE, TOTAL (UG/L)	71556
34507	1,1,1-TRICHLOROETHANE, DISSOLVED (UG/L)	71556
34508	1,1,1-TRICHLOROETHANE, SUSPENDED (UG/L)	71556
34511	1,1,2-TRICHLOROETHANE, TOTAL (UG/L)	79005
34512	1,1,2-TRICHLOROETHANE, DISSOLVED (UG/L)	79005
34513	1,1,2-TRICHLOROETHANE, SUSPENDED (UG/L)	79005
34516	1,1,2,2-TETRACHLOROETHANE, TOTAL (UG/L)	79345
34517	1,1,2,2-TETRACHLOROETHANE, DISSOLVED (UG/L)	79345
34518	1,1,2,2-TETRACHLOROETHANE, SUSPENDED (UG/L)	79345
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE, TOTAL (UG/L)	191242
34522	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE, DISS. (UG/L)	191242
34523	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE, SUSP. (UG/L)	191242
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE, TOTAL (UG/L)	56553
34527	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE, DISS. (UG/L)	56553
34528	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE, SUSP. (UG/L)	56553
34531	1,2-DICHLOROETHANE, TOTAL (UG/L)	107062
34532	1,2-DICHLOROETHANE, DISSOLVED (UG/L)	107062
34533	1,2-DICHLOROETHANE, SUSPENDED (UG/L)	107062
34536	1,2-DICHLOROBENZENE, TOTAL (UG/L)	95501
34537	1,2-DICHLOROBENZENE, DISSOLVED (UG/L)	95501
34538	1,2-DICHLOROBENZENE, SUSPENDED (UG/L)	95501
34541	1,2-DICHLOROPROPANE, TOTAL (UG/L)	78875
34542	1,2-DICHLOROPROPANE, DISSOLVED (UG/L)	78875
34543	1,2-DICHLOROPROPANE, SUSPENDED (UG/L)	78875
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER (UG/L)	156605



<b>STORET Code</b>	<b>Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-</b>	<b>C.A.S. Number</b>
34547	TRANS-1,2-DICHLOROETHENE, DISSOLVED (UG/L)	156605
34548	TRANS-1,2-DICHLOROETHENE, SUSPENDED (UG/L)	156605
34551	1,2,4-TRICHLOROBENZENE, TOTAL (UG/L)	120821
34552	1,2,4-TRICHLOROBENZENE, DISSOLVED (UG/L)	120821
34553	1,2,4-TRICHLOROBENZENE, SUSPENDED (UG/L)	120821
34556	1,2,5,6-DIBENZANTHRACENE, TOTAL (UG/L)	53703
34557	1,2,5,6-DIBENZANTHRACENE, DISSOLVED (UG/L)	53703
34558	1,2,5,6-DIBENZANTHRACENE, SUSPENDED (UG/L)	53703
34561	1,3-DICHLOROPROPENE, TOTAL (UG/L)	542756
34562	1,3-DICHLOROPROPENE, DISSOLVED (UG/L)	542756
34563	1,3-DICHLOROPROPENE, SUSPENDED (UG/L)	542756
34566	1,3-DICHLOROBENZENE, TOTAL (UG/L)	541731
34567	1,3-DICHLOROBENZENE, DISSOLVED (UG/L)	541731
34568	1,3-DICHLOROBENZENE, SUSPENDED (UG/L)	541731
34571	1,4-DICHLOROBENZENE, TOTAL (UG/L)	106467
34572	1,4-DICHLOROBENZENE, DISSOLVED (UG/L)	106467
34573	1,4-DICHLOROBENZENE, SUSPENDED (UG/L)	106467
34576	2-CHLOROETHYL VINYL ETHER, TOTAL (UG/L)	110758
34577	2-CHLOROETHYL VINYL ETHER, DISSOLVED (UG/L)	110758
34578	2-CHLOROETHYL VINYL ETHER, SUSPENDED (UG/L)	110758
34581	2-CHLORONAPHTHALENE, TOTAL (UG/L)	91587
34582	2-CHLORONAPHTHALENE, DISSOLVED (UG/L)	91587
34583	2-CHLORONAPHTHALENE, SUSPENDED (UG/L)	91587
34586	2-CHLOROPHENOL, TOTAL (UG/L)	95578
34587	2-CHLOROPHENOL, DISSOLVED (UG/L)	95578
34588	2-CHLOROPHENOL, SUSPENDED (UG/L)	95578
34591	2-NITROPHENOL, TOTAL (UG/L)	88755
34592	2-NITROPHENOL, DISSOLVED (UG/L)	88755

<b>STORET Code</b>	<b>Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-</b>	<b>C.A.S. Number</b>
34593	2-NITROPHENOL, SUSPENDED (UG/L)	88755
34596	DI-N-OCTYL PHTHALATE, TOTAL (UG/L)	117840
34597	DI-N-OCTYL PHTHALATE, DISSOLVED (UG/L)	117840
34598	DI-N-OCTYL PHTHALATE, SUSPENDED (UG/L)	117840
34601	2,4-DICHLOROPHENOL, TOTAL (UG/L)	120832
34602	2,4-DICHLOROPHENOL, DISSOLVED (UG/L)	120832
34603	2,4-DICHLOROPHENOL, SUSPENDED (UG/L)	120832
34606	2,4-DIMETHYLPHENOL, TOTAL (UG/L)	105679
34607	2,4-DIMETHYLPHENOL, DISSOLVED (UG/L)	105679
34608	2,4-DIMETHYLPHENOL, SUSPENDED (UG/L)	105679
34611	2,4-DINITROTOLUENE, TOTAL (UG/L)	121142
34612	2,4-DINITROTOLUENE, DISSOLVED (UG/L)	121142
34613	2,4-DINITROTOLUENE, SUSPENDED (UG/L)	121142
34616	2,4-DINITROPHENOL, TOTAL (UG/L)	51285
34617	2,4-DINITROPHENOL, DISSOLVED (UG/L)	51285
34618	2,4-DINITROPHENOL, SUSPENDED (UG/L)	51285
34621	2,4,6-TRICHLOROPHENOL, TOTAL (UG/L)	88062
34622	2,4,6-TRICHLOROPHENOL, DISSOLVED (UG/L)	88062
34623	2,4,6-TRICHLOROPHENOL, SUSPENDED (UG/L)	88062
34626	2,6-DINITROTOLUENE, TOTAL (UG/L)	606202
34627	2,6-DINITROTOLUENE, DISSOLVED (UG/L)	606202
34628	2,6-DINITROTOLUENE, SUSPENDED (UG/L)	606202
34631	3,3'-DICHLOROBENZIDINE, TOTAL (UG/L)	91941
34632	3,3'-DICHLOROBENZIDINE, DISSOLVED (UG/L)	91941
34633	3,3'-DICHLOROBENZIDINE, SUSPENDED (UG/L)	91941
34636	4-BROMOPHENYL PHENYL ETHER, TOTAL (UG/L)	101553
34637	4-BROMOPHENYL PHENYL ETHER, DISSOLVED (UG/L)	101553
34638	4-BROMOPHENYL PHENYL ETHER, SUSPENDED (UG/L)	101553

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34641	4-CHLOROPHENYL PHENYL ETHER, TOTAL (UG/L)	7005723
34642	4-CHLOROPHENYL PHENYL ETHER, DISSOLVED (UG/L)	7005723
34643	4-CHLOROPHENYL PHENYL ETHER, SUSPENDED (UG/L)	7005723
34646	4-NITROPHENOL, TOTAL (UG/L)	100027
34647	4-NITROPHENOL, DISSOLVED (UG/L)	100027
34648	4-NITROPHENOL, SUSPENDED (UG/L)	100027
34651	P,P'-DDD, DISSOLVED (UG/L)	72548
34652	P,P'-DDD, SUSPENDED (UG/L)	72548
34653	P,P'-DDE, DISSOLVED (UG/L)	72559
34654	P,P'-DDE, SUSPENDED (UG/L)	72559
34655	P,P'-DDT, DISSOLVED (UG/L)	50293
34656	P,P'-DDT, SUSPENDED (UG/L)	50293
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL), TOTAL (UG/L)	534521
34658	DNOC (4,6-DINITRO-ORTHO-CRESOL), DISSOLVED (UG/L)	534521
34659	DNOC (4,6-DINITRO-ORTHO-CRESOL), SUSPENDED (UG/L)	534521
34662	PCB - 1221, DISSOLVED (UG/L)	11104282
34663	PCB - 1221, SUSPENDED (UG/L)	11104282
34665	PCB - 1232, DISSOLVED (UG/L)	11141165
34666	PCB - 1232, SUSPENDED (UG/L)	11141165
34671	PCB - 1016, TOTAL (UG/L)	12674112
34672	PCB - 1016, DISSOLVED (UG/L)	12674112
34673	PCB - 1016, SUSPENDED (UG/L)	12674112
34675	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD),TOT(UG/L)	1746016
34676	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)DISS(UG/L)	1746016
34677	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)SUSP(UG/L)	1746016
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTAL (UG/L)	108952
34696	NAPHTHALENE, TOTAL (UG/L)	91203
34750	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)TOT(PG/L)	1746016

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34751	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)DISS(PG/L)	1746016
34752	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)SUSP(PG/L)	1746016
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE (UG/L)	87865
39039	HEXACHLOROBENZENE WATER SAMPLE,ELECTRON CPT (UG/L)	118741
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER (UG/L)	117817
39103	BIS(2-ETHYLHEXYL) PHTHALATE, DISSOLVED, (UG/L)	117817
39104	BIS(2-ETHYLHEXYL) PHTHALATE, SUSPENDED, (UG/L)	117817
39107	PHTHALATES,DIETHYLHEXYL SUS.FRAC.WTR DWT (MG/KG)	117817
39110	DI-N-BUTYL PHTHALATE, WHOLE WATER (UG/L)	84742
39114	DI-N-BUTYL PHTHALATE, SUSPENDED (UG/L)	84742
39115	PHTHALATES,DIBUTYL SUS.FRAC.WATER DWT (UG/KG)	84742
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	92875
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE (UG/L)	75014
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE (UG/L)	79016
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	50293
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	72548
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	72559
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	309002
39331	ALDRIN IN FILT. FRAC. OF WAT. SAMP. (UG/L)	309002
39332	ALDRIN IN SUSP. FRAC. OF WAT. SAMP. (UG/L)	309002
39336	BHC-ALPHA, WATER, WHOLE (LBS/DAY)	319846
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER (UG/L)	319846
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER (UG/L)	319857
39340	GAMMA-BHC(LINDANE), WHOLE WATER (UG/L)	58899
39341	GAMMA-BHC(LINDANE), DISSOLVED (UG/L)	58899
39342	GAMMA-BHC(LINDANE), SUSPENDED (UG/L)	58899
39344	BHC-GAMMA, WATER, WHOLE (LBS/DAY)	58899
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATER (UG/L)	57749

<b>STORET Code</b>	<b>Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-</b>	<b>C.A.S. Number</b>
39352	CHLORDANE(TECH MIX & METABS), DISSOLVED (UG/L)	57749
39353	CHLORDANE(TECH MIX & METABS), SUSPENDED (UG/L)	57749
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	72548
39361	DDD IN FILT. FRAC. OF WATER SMAPLE (UG/L)	72548
39362	DDD IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	72548
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	72559
39366	DDE IN FILT. FRAC. OF WATER SAMPLE (UG/L)	72559
39367	DDE IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	72559
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	50293
39371	DDT IN FILT. FRAC. OF WATER SAMPLE (UG/L)	50293
39372	DDT IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	50293
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	60571
39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	60571
39382	DIELDRIN IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	60571
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	72208
39391	ENDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	72208
39392	ENDRIN IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	72208
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	8001352
39401	TOXAPHENE IN FILT. FRAC. OF WATER SAMPLE (UG/L)	8001352
39402	TOXAPHENE IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	8001352
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	76448
39411	HEPTACHLOR IN FILT. FRAC. OF WATER SAMPLE (UG/L)	76448
39412	HEPTACHLOR IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	76448
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	1024573
39421	HEPTACHLOR EPOXIDE IN FILT. FRAC. WAT. SAM. (UG/L)	1024573
39422	HEPTACHLOR EPOXIDE IN SUSP. FRAC. WAT. SAM. (UG/L)	1024573
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE (UG/L)	11104282
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE (UG/L)	11141165

<b>STORET Code</b>	<b>Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-</b>	<b>C.A.S. Number</b>
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE (UG/L)	53469219
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE (UG/L)	12672296
39501	PCB - 1248 IN FILT. FRAC. OF WATER SAMPLE (UG/L)	12672296
39502	PCB - 1248 IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	12672296
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE (UG/L)	11097691
39505	PCB - 1254 IN FILT. FRAC. OF WATER SAMPLE (UG/L)	11097691
39506	PCB - 1254 IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	11097691
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE (UG/L)	11096825
39509	PCB - 1260 IN FILT. FRAC. OF WATER SAMPLE (UG/L)	11096825
39510	PCB - 1260 IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	11096825
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	118741
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE (UG/L)	87683
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	58899
39920	DNOC IN WHOLE WATER SAMPLE (UG/L)	534521
46322	LINDANE PLUS ISOMERS IN WHOLE WATER SAMPLE (UG/L)	58899
46323	DELTA-BHC IN WHOLE WATER SAMPLE (UG/L)	319868
46326	HEPTACHLOR AND METABOLITES IN WH. H2O SAMP. (UG/L)	76448
46479	CYANIDE, DISSOLVED, WATER (UG/L)	57125
46551	ARSENIC, FIELD ACIDIFIED W/HNO3, LAB FILT. (UG/L)	7440382
46559	CADMIUM, FIELD ACIDIFIED-HNO3-LAB FILTER (UG/L-CD)	7440439
46560	CHROMIUM, FIELD ACIDIFIED-HNO3-LAB FILT. (UG/L-CR)	7440473
46562	COPPER, FIELD ACIDIFIED-HNO3-LAB FILTER. (UG/L-CU)	7440508
46564	LEAD, FIELD ACIDIFIED-HNO3-LAB FILTERED (UG/L-PB)	7439921
46566	SILVER, FIELD ACIDIFIED-HNO3-LAB FILTER.(UG/L-AG)	7440224
46567	ZINC, EXTRACT. FIELD ACID W/HNO3, LAB FILT. (UG/L)	7440666
70012	PARACHLOROMETA CRESOL, WATER, WHOLE (LBS/DAY)	59507
70017	HEXACHLOROCYCLOPENTADIENE, WATER, WHOLE (LBS/DAY)	77474
70021	LEAD, (TCLP), WATER, TOTAL (MG/L)	7439921

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
71890	MERCURY, DISSOLVED (UG/L AS HG)	7439976
71895	MERCURY, SUSPENDED (UG/L AS HG)	7439976
71900	MERCURY, TOTAL (UG/L AS HG)	7439976
71901	MERCURY, TOTAL RECOVERABLE IN WATER AS HG (UG/L)	7439976
71946	CADMIUM, EXTRACTABLE (UG/L AS CD)	7440439
71947	CHROMIUM, EXTRACTABLE (UG/L AS CR)	7440473
71949	LEAD, EXTRACTABLE (UG/L AS PB)	7439921
71950	ZINC, EXTRACTABLE (UG/L AS ZN)	7440666
71951	COPPER, EXTRACTABLE (UG/L AS CU)	7440508
73063	CHLOROQUAIACOL,4-, TOTAL, WATER (UG/L)	16766306
73522	PROPANE, 2,2'-OXYBIS(1-CHLORO)- TOTAL (UG/L)	108601
77163	1,3-DICHLOROPROPENE-1, WHOLE WATER (UG/L)	542756
77354	1,1-DICHLORO-2,2-DIFLUOROETHANE WHOLE WATER (UG/L)	471432
77771	3-CHLORO-4-HYDROXYBENZOPHENONE, WHOLE WATER (UG/L)	55191203
78113	ETHYL BENZENE WHOLE WATER SAMPLE (UG/L)	100414
78124	BENZENE IN WATER (VOLATILE ANALYSIS) (UG/L)	71432
78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) (UG/L)	108883
78208	2,4-DINITRO-O-CRESOL IN WHOLE WATER SAMPLE (UG/L)	534521
78247	CHROMIUM, HEXAVALENT, TOTAL RECOVERABLE, WT (UG/L)	18540299
78248	CYANIDE, TOTAL RECOVERABLE, WATER, WHOLE (UG/L)	57125
80357	CHROMIUM, TRIVALENT, DISSOLVED, AS CR	16065831
81208	CYANIDE, FREE (NOT AMEN. TO CHLORINATION) (MG/L)	57125
81210	CYANIDE - STATE OF ILLINOIS (MG/L)	57125
81214	CADMIUM - STATE OF ILLINOIS (MG/L)-COLD	7440439
81215	CHROMIUM - STATE OF ILLINOIS (MG/L), COLD DIGEST	18540299
81216	CHROMIUM(TRI)-STATE OF ILLINOIS (MG/L)-COLD DIGEST	16065831
81217	CHROMIUM, TOTAL - STATE OF ILLINOIS (MG/L) COLD DIGEST	7440473
81218	COPPER, STATE OF ILLINOIS, MG/L, COLD DIGEST	7440508

<b>STORET Code</b>	<b>Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-</b>	<b>C.A.S. Number</b>
81220	LEAD, STATE OF ILLINOIS, MG/L, COLD DIGEST	7439921
81222	NICKEL - STATE OF ILLINOIS, MG/L, COLD DIGEST	7440020
81223	SILVER, STATE OF ILLINOIS, MG/L, COLD DIGEST	7440224
81224	ZINC - STATE OF ILLINOIS, MG/L, COLD DIGEST	7440666
81642	SILVER (AG) IN WATER POUNDS PER DAY (LBS/DAY)	7440224
81750	COPPER, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7440508
81751	LEAD, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7439921
81752	NICKEL, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7440020
81753	CADMIUM, INTERSTITIAL WATER FROM SEDIMENT	7440439
81754	ZINC, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7440666
81766	HEPTACHLOR EPOXIDE IN EPILITHIC ALGAE SED. (UG/KG)	1024573
81931	MERCURY (HG) SUSPENDED FRACTION OF WATER (UG/G)	7439976
81932	CADMIUM (CD) SUSPENDED FRACTION OF WATER (UG/G)	7440439
81933	ZINC (ZN) SUSPENDED FRACTION OF WATER (UG/G)	7440666
81934	LEAD (PB) SUSPENDED FRACTION OF WATER (UG/G)	7439921
81936	LEAD (PB) DISSOLVED CATIONIC SPECIES (UG/L)	7439921
81937	CADMIUM (CD) DISSOLVED CATIONIC SPECIES (UG/L)	7440439
81938	CHROMIUM, DISSOLVED CATIONIC SPECIES (UG/L)	7440473
81939	COPPER (CU) DISSOLVED CATIONIC SPECIES (UG/L)	7440508
81940	ZINC (ZN) DISSOLVED CATIONIC SPECIES (UG/L)	7440666
81941	CHROMIUM, DISSOLVED ANIONIC SPECIES (UG/L)	7440473
81942	COPPER (CU) DISSOLVED ANIONIC SPECIES (UG/L)	7440508
81943	ZINC (ZN) DISSOLVED ANIONIC SPECIES (UG/L)	7440666
82058	CHROMIUM, TOTAL, PERCENT REMOVAL	7440473
82399	CHROMIUM, HEXAVALENT (KG/BATCH)	18540299
82512	M,P-DICHLOROBENZENE (MEASURES 1,3&1,4) TOT. (UG/L)	541731
82573	CYANIDE/CHLORINATION IN WATER (MG/L)	57125
82621	HEXACHLOROBENZENE, WATER, TOTAL RECOVER. (UG/L)	118741



<b>STORET Code</b>	<b>Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-</b>	<b>C.A.S. Number</b>
82622	ENDRIN ALDEHYDE, WH. WATER, TOTAL RECOVER. (UG/L)	7421934
82623	ENDOSULFAN SULFATE, WATER, TOTAL RECOVER. (UG/L)	1031078
82624	ENDOSULFAN, BETA, WH. WATER, TOTAL RECOVER. (UG/L)	33213659
82626	1,2-DIPHENYLHYDRAZINE, WATER, TOTAL RECOVER. (UG/L)	122667
82627	PARACHLOROMETA CRESOL, WATER, TOTAL RECOVER. (UG/L)	59507
85006	ZINC, TOTAL - (#/DAY)	7440666
85007	CHROMIUM, TOTAL (#/DAY)	7440473
85010	NICKEL, TOTAL - (#/DAY)	7440020
85013	MERCURY, TOTAL - (#/DAY)	7439976



## **Appendix H**

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As the nation's principal conservation agency, the Department of the Interior has the responsibility for most of our nationally owned public lands and natural and cultural resources. This includes fostering wise use of our land and water resources, protecting our fish and wildlife, preserving the environmental and cultural values of our national parks and historical places, and providing for enjoyment of life through outdoor recreation. The Department assesses our energy and mineral resources and works to ensure that their development is in the best interests of all our people. The Department also promotes the goals of the Take Pride in America campaign by encouraging stewardship and citizen responsibility for the public lands and promoting citizen participation in their care. The Department also has a major responsibility for American Indian reservation communities and for people who live in island territories under U.S. administration.